



# Linux Libertine Open Fonts Project



## Dokumentation

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# 1 Vorwort

Das Paket `libertineotf` ist nach langer Entwicklung und Erfahrungen mit den bisherigen Paketen eine neue Version, die noch so einige Besonderheiten (auch Bugs genannt) enthalten kann.

Es wurde entschieden, dass die alte **Type 1 Font**-Unterstützung aufgegeben wird, da dies viel Arbeit mit sich brachte, nicht alle Möglichkeiten eines modernen Fonts ausnutzte und nur für das alte `latex` und `pdflatex` genutzt wurde, welches inzwischen von `xelatex` und neu von `lualatex` abgelöst worden ist.

## 2 Einbindung

Der Libertine-Font wird über

```
\usepackage{libertineotf}
```

eingebunden. Er steht dann unter `xelatex` und `lualatex` zur Verfügung.

`latex` und `pdflatex` mit Type 1 Fonts werden nicht mehr unterstützt.

Für die Serifenschrift wird dabei **Libertine** und für die serifenlose Schrift **Biolinum** verwendet. Für die Monotypeschrift (Typewriter) wird der experimentelle Libertine Mono Font verwendet.

## Beispiel

```
\documentclass{article}

\usepackage{libertineotf}

\begin{document}
Text mit Linux Libertine

\sffamily{Text mt Linux Biolinum}

\end{document}
```

## 3 Optionen

Es stehen dabei folgende Optionen zur Verfügung:

`libertine` Parameter für den Libertine-Font.  
`Ligatures=TeX`

`biolinum` Parameter für den Biolinum-Font.  
`Ligatures=TeX`

`mono` Parameter für den Libertine-Mono-Font.  
`Scale=0.95`

**Ändern, wenn Font angepasst ist!**

## 4 Makros

Es stehen folgende Makros zur Verfügung:

`\libertine`           Schaltet auf den Libertine-Font um.  
`\libertineSB`        Schaltet auf den Libertine-Font mit SemiBold um.  
`\libertineInitial`   Schaltet auf den Libertine-Initial-Font um.  
`\libertineDisplay`   Schaltet auf den Libertine-Display-Font um.  
`\biolinum`           Schaltet auf den Biolinum-Font um.  
`\biolinumOutline`    Schaltet auf den Biolinum-Outline-Font um.  
`\biolinumShadow`    Schaltet auf den Biolinum-Shadow-Font um.  
`\biolinumkey`        Schaltet auf den Biolinum-Key-Font um.  
`\libmono`            Schaltet auf den Libertine-Mono-Font um.  
`\libertineGlyph{<glyphname>}`   Verwendung eines Zeichens mit dem Glyphnamen (Font Libertine).  
`\biolinumGlyph{<glyphname>}`   Verwendung eines Zeichens mit dem Glyphnamen (Font Biolinum).

`{\Huge\libertineGlyph{uni211A}}`

Q

`{\Huge\libertineGlyph{uni263A}}`

☺

`{\Huge\libertineGlyph{Tux}}`



`{\Huge\libertineGlyph{uni20A8}}`

₹

`{\Huge\libertineGlyph{uni211A}}`

Q

`{\Huge\textbf{\libertineGlyph{uni211A}}}`

Q

`{\Huge\textit{\libertineGlyph{uni211A}}}`

Q

## 5 Standardersetzungen

Schreibweise	Ersetzung
<code>\</code>	‘
<code>'</code>	’
<code>\</code> <code>\</code>	“
<code>'</code> <code>'</code>	”
<code>"</code>	”
<code>'</code> <code>'</code>	”
<code>&lt;&lt;</code>	«
<code>&gt;&gt;</code>	»
<code>--</code>	—
<code>---</code>	—

## 6 Beliebige Fontauswahl

Ansonsten können Sie jeden Teilbereich des Fonts über die Möglichkeiten des `fontspec`-Paketes verwenden, z. B. mit `\addfontfeatures`.

```
\addfontfeatures{Letters=Uppercase}
\addfontfeatures{RawFeature=+smcp;+onum}
```

Eine Übersicht über die `RawFeature`-Parameter findet sich auf Seite [115](#).

## Beispiele

### Zahlen - OldStyle: mit „Numbers“

```
\documentclass{article}\pagestyle{empty}

\usepackage[libertine={Ligatures=TeX,Numbers=OldStyle}]{libertineotf}

\begin{document}
\Huge 01234567890
\end{document}
```

01234567890

### Zahlen - OldStyle: mit „+onum“

```
\documentclass{article}\pagestyle{empty}

\usepackage[libertine={Ligatures=TeX,RawFeature=+onum}]{libertineotf}

\begin{document}
\Huge 01234567890
\end{document}
```

01234567890

### Zahlen - OldStyle: mit Makros

```
\documentclass{article}\pagestyle{empty}

\usepackage[libertine={Ligatures=TeX,RawFeature=+onum}]{libertineotf}

\begin{document}
\begin{tabular}{ll}
Standard (+onum) & & 01234567890 \\
\verb|\Lnnum{...}| & & \Lnnum{01234567890} \\
\verb|\Lpnum{...}| & & \Lpnum{01234567890} \\
\verb|\Lcnum{...}| & & \Lcnum{01234567890} \\
\verb|\Lonum{...}| & & \Lonum{01234567890} \\
\verb|\Ltonum{...}| & & \Ltonum{01234567890} \\
\end{tabular}
\end{document}
```

Standard (+onum)	01234567890
\Lnnum{...}	01234567890
\Lpnum{...}	01234567890
\Lcnum{...}	01234567890
\Lonum{...}	01234567890
\Ltonum{...}	01234567890

### ß-ss: mit „+ss03“

```
\documentclass{article}\pagestyle{empty}

\usepackage{libertineotf}

\begin{document}
\Huge
{\addfontfeatures{RawFeature=+smcp}Straße}
{\addfontfeatures{RawFeature=+smcp;+ss03}Straße}
\end{document}
```

STRAßE STRASSE

### gestrichene Null: mit „+zero“

```
\documentclass{article}\pagestyle{empty}

\usepackage[libertine={Ligatures=TeX,RawFeature=+zero}]{libertineotf}

\begin{document}
\Huge 01234567890
\end{document}
```

Ø123456789Ø

### Vertikale Verschiebung

```
\documentclass{article}\pagestyle{empty}

\usepackage{libertineotf}

\begin{document}
\Huge
{\addfontfeatures{RawFeature=+sup}s}A2 H0123456 Hab
{\addfontfeatures{RawFeature=+sin}s}A2 H0123456 Hab

\Lsup{s}A2 H0123456 Hab
\Lsin{s}A2 H0123456 Hab
\end{document}
```

$A^2 H^{0123456} H^{ab} A_2 H_{0123456} H_{ab}$   
 $A^2 H^{0123456} H^{ab} A_2 H_{0123456} H_{ab}$

## 7 Text

### 7.1 Libertine

Beschreibung	Makro	Beispiel
regular		Text Hamburg Quelle Sauerstoffflasche
fett	<code>\textbf {...}</code>	<b>Text Hamburg Quelle Sauerstoffflasche</b>
italic	<code>\textit {...}</code>	<i>Text Hamburg Quelle Sauerstoffflasche</i>
fett italic	<code>\textbf {\textit {...}}</code>	<b><i>Text Hamburg Quelle Sauerstoffflasche</i></b>
slanted	<code>\textsl {...}</code>	<i>Text Hamburg Quelle Sauerstoffflasche</i>
fett slanted	<code>\textbf {\textsl {...}}</code>	<b><i>Text Hamburg Quelle Sauerstoffflasche</i></b>
small caps	<code>\textsc {...}</code>	TEXT HAMBURG QUELLE SAUERSTOFFFLASCHE
		Hier muss noch was getan werden!
		Fehler liegt bei fontspec!
small caps (+smcp)	<code>\addfontfeatures {RawFeature=+smcp}</code>	TEXT HAMBURG QUELLE SAUERSTOFFFLASCHE
small caps	<code>\Lsmcp {...}</code>	TEXT HAMBURG QUELLE SAUERSTOFFFLASCHE
Versale...	<code>\Lcsc {...}</code>	text hamburg quelle sauerstoffflasche

### 7.2 Libertine semi bold

Beschreibung	Makro	Beispiel
regular	<code>\libertineSB</code>	Text Hamburg Quelle Sauerstoffflasche
fett	<code>\libertineSB \textbf {...}</code>	<b>Text Hamburg Quelle Sauerstoffflasche</b>
italic	<code>\libertineSB \textit {...}</code>	<i>Text Hamburg Quelle Sauerstoffflasche</i>
fett italic	<code>\libertineSB \textbf {\textit {...}}</code>	<b><i>Text Hamburg Quelle Sauerstoffflasche</i></b>
slanted	<code>\libertineSB \textsl {...}</code>	<i>Text Hamburg Quelle Sauerstoffflasche</i>
fett slanted	<code>\libertineSB \textbf {\textsl {...}}</code>	<b><i>Text Hamburg Quelle Sauerstoffflasche</i></b>
small caps	<code>\libertineSB \textsc {...}</code>	TEXT HAMBURG QUELLE SAUERSTOFFFLASCHE
		Hier muss noch was getan werden!
		Fehler liegt bei fontspec!
small caps (+smcp)	<code>\addfontfeatures {RawFeature=+smcp}</code>	TEXT HAMBURG QUELLE SAUERSTOFFFLASCHE
small caps	<code>\Lsmcp {...}</code>	TEXT HAMBURG QUELLE SAUERSTOFFFLASCHE
Versale...	<code>\Lcsc {...}</code>	text hamburg quelle sauerstoffflasche

### 7.3 Biolinum

Beschreibung	Makro	Beispiel
regular	<code>\biolinum</code>	Text Hamburg Quelle Sauerstoffflasche
fett	<code>\biolinum \textbf {...}</code>	<b>Text Hamburg Quelle Sauerstoffflasche</b>
italic	<code>\biolinum \textit {...}</code>	<i>Text Hamburg Quelle Sauerstoffflasche</i>
fett italic	<code>\biolinum \textbf {\textit {...}}</code>	<b><i>Text Hamburg Quelle Sauerstoffflasche</i></b>
slanted	<code>\biolinum \textsl {...}</code>	<i>Text Hamburg Quelle Sauerstoffflasche</i>
fett slanted	<code>\biolinum \textbf {\textsl {...}}</code>	<b><i>Text Hamburg Quelle Sauerstoffflasche</i></b>
small caps	<code>\biolinum \textsc {...}</code>	TEXT HAMBURG QUELLE SAUERSTOFFFLASCHE
		Hier muss noch was getan werden!
		Fehler liegt bei fontspec!
small caps (+smcp)	<code>\addfontfeatures {RawFeature=+smcp}</code>	TEXT HAMBURG QUELLE SAUERSTOFFFLASCHE
small caps	<code>\Lsmcp {...}</code>	TEXT HAMBURG QUELLE SAUERSTOFFFLASCHE
Versale...	<code>\Lcsc {...}</code>	text hamburg quelle sauerstoffflasche

### 7.4 Libertine Mono

Beschreibung	Makro	Beispiel
regular	<code>\libmono</code>	Text Hamburg Quelle Sauerstoffflasche

## 8 Zahlen

### 8.1 Makros

Für die Zahlen stehen zwei Gruppen von Makros zur Verfügung:

- mit Gruppeneffekt und Parameter: `\Lnum`, `\pnum`, ...  
Die Umschaltung erfolgt nur für die Zahlen, die als Parameter verwendet worden sind. Nach dem Makro gilt wieder die vorherige Einstellungen.
- ohne Gruppeneffekt: `\Lxnum`, `\pxnum`, ...  
Die Umschaltung erfolgt global bis zur nächsten Umschaltung.

Hier muss noch was getan werden!

#### Code

```
% Standardziffern
\providecommand\Lnum[1]{\addfontfeatures{RawFeature=+lnum;+tnum;-pnum;-onum}#1}}
% Proportionale Standardziffern
\providecommand\Lpnum[1]{\addfontfeatures{RawFeature=+lnum;+pnum;-tnum;-onum}#1}}
% Versalziffern
\providecommand\Lcnum[1]{\addfontfeatures{RawFeature=+case}#1}}
% Minuskelziffern
\providecommand\Lonum[1]{\addfontfeatures{RawFeature=+onum;+pnum;-lnum;-tnum}#1}}
% Tabellarische Minuskelziffern
\providecommand\Ltonum[1]{\addfontfeatures{RawFeature=+onum;+tnum;-lnum;-pnum}#1}}

% Standardziffern
\providecommand\Lxnum{\addfontfeatures{RawFeature=+lnum;+tnum;-pnum;-onum}}
% Proportionale Standardziffern
\providecommand\Lxpnum{\addfontfeatures{RawFeature=+lnum;+pnum;-tnum;-onum}}
% Versalziffern
\providecommand\Lxcnum{\addfontfeatures{RawFeature=+case}}
% Minuskelziffern
\providecommand\Lxonum{\addfontfeatures{RawFeature=+onum;+pnum;-lnum;-tnum}}
% Tabellarische Minuskelziffern
\providecommand\Lxtonum{\addfontfeatures{RawFeature=+onum;+tnum;-lnum;-pnum}}
```

### 8.2 Libertine

Beschreibung	OTF-Feature	Makro	Beispiel
Standardziffern	RawFeature=+lnum;+tnum	<code>\Lnum{...}</code>	01234567890
Proportionale Standardziffern	RawFeature=+lnum;+pnum	<code>\Lpnum{...}</code>	01234567890
Versalziffern	RawFeature=+case	<code>\Lcnum{...}</code>	01234567890
Minuskelziffern	RawFeature=+onum;+pnum	<code>\Lonum{...}</code>	01234567890
Tabellarische Minuskelziffern	RawFeature=+onum;+tnum	<code>\Ltonum{...}</code>	01234567890
nach eigenen Wünschen	RawFeature=+case;+zero	<code>\addfontfeatures{...}</code>	01234567890



### 8.3 Biolinum

Beschreibung	OTF-Feature	Makro	Beispiel
Standardziffern	RawFeature+=lnum;+tnum	\Lnnum{...}	01234567890
Proportionale Standardziffern	RawFeature+=lnum;+pnum	\Lpnum{...}	01234567890
Versalziffern	RawFeature+=case	\Lcnum{...}	01234567890
Minuskelziffern	RawFeature+=onum;+pnum	\Lonum{...}	01234567890
Tabellarische Minuskelziffern	RawFeature+=onum;+tnum	\Ltonum{...}	01234567890
nach eigenen Wünschen	RawFeature+=case;+zero	\addfontfeatures{...}	Ø123456789Ø

### 8.4 Libertine Mono

Beschreibung	OTF-Feature	Makro	Beispiel
Standardziffern	RawFeature+=lnum;+tnum	\Lnnum{...}	01234567890
Proportionale Standardziffern	RawFeature+=lnum;+pnum	\Lpnum{...}	01234567890
Versalziffern	RawFeature+=case	\Lcnum{...}	01234567890
Minuskelziffern	RawFeature+=onum;+pnum	\Lonum{...}	01234567890
Tabellarische Minuskelziffern	RawFeature+=onum;+tnum	\Ltonum{...}	01234567890
nach eigenen Wünschen	RawFeature+=case;+zero	\addfontfeatures{...}	Ø123456789Ø

## 9 Tabellen

Viele Anwender möchten gerne in Tabellenumgebungen Zahlen mit gleicher Breite verwenden und dies nicht jedes mal erneut mit einem Makro definieren. Die Umgebung `Ltable` macht dies automatisch. Es dürfen dabei Tabellen verwendet werden die sich wie `tabular`, `tabularx` oder ähnlich verhalten. Die `longtable`-Umgebung ist dafür nicht gedacht, da diese ja einen Seitenumbruch durchführen kann.

```
\begin{Ltable}[Optionen]
  Tabelle
\end{Ltable}
```

Die Grundeinstellung ist dabei `RawFeature=+pnum;+tnum`.

```
\begin{Ltable}
  \begin{tabular}{lr}
    \TEXT & 12 \\
    \TEXT & 111 \\
    \TEXT & 888 \\
    \TEXT & 001 \\
    \TEXT & \ZAHLEN \\
  \end{tabular}
  \caption{Tabellenzahlen}
\end{Ltable}
```

Text Hamburg Quelle Sauerstoffflasche	12
Text Hamburg Quelle Sauerstoffflasche	111
Text Hamburg Quelle Sauerstoffflasche	888
Text Hamburg Quelle Sauerstoffflasche	001
Text Hamburg Quelle Sauerstoffflasche	01234567890

Tabelle 1: Tabellenzahlen

```
\begin{Ltable}[RawFeature=+pnum;+tnum;+onum]
  \begin{tabular}{lr}
    \TEXT & 12 \\
    \TEXT & 111 \\
    \TEXT & 888 \\
    \TEXT & 001 \\
    \TEXT & \ZAHLEN \\
  \end{tabular}
  \caption{Tabellenzahlen}
\end{Ltable}
```

Text Hamburg Quelle Sauerstoffflasche	12
Text Hamburg Quelle Sauerstoffflasche	111
Text Hamburg Quelle Sauerstoffflasche	888
Text Hamburg Quelle Sauerstoffflasche	001
Text Hamburg Quelle Sauerstoffflasche	01234567890

Tabelle 2: Tabellenzahlen (old style)

## 10 Aufzählungslisten

### 10.1 Nummern

Spezielle Nummern lassen sich über `\useListNumberGlyph[<Bereich>]{<Nummer>}` ansprechen.

① ② ③ ④ ... ⑳

Standardmäßig wird der Bereich `circle` verwendet. Dieser wurde über das Makro

```
\DeclareListNumberGlyph{circle}{1}{uni2460}
```

definiert. Dabei wird der Bereich, die Nummer und der zu verwendende Glyphname angegeben. Der Bereich `circle` kann Zahlen von 1 bis 20 darstellen.

### 10.2 Aufzählung mit Nummern

Mit der Umgebung `libertineenumerate` wird eine Aufzählungsumgebung wie `enumerate` zur Verfügung gestellt. Mit dem optionalen Parameter wird der Bereich für die Nummern festgelegt.

#### 10.2.1 circle

Der Bereich `circle` kann Zahlen von 1 bis 20 darstellen.

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑳

```
\begin{libertineenumerate}
\item Punkt 1
\item Punkt 2
\item Punkt 3
\end{libertineenumerate}
```

① Punkt 1

② Punkt 2

③ Punkt 3

#### 10.2.2 bracket

Der Bereich `bracket` kann Zahlen von 1 bis 20 darstellen.

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)

```
\begin{libertineenumerate}[bracket]
\item Punkt 1
\item Punkt 2
\item Punkt 3
\end{libertineenumerate}
```

(1) Punkt 1

(2) Punkt 2

(3) Punkt 3

#### 10.2.3 Alpha

Der Bereich `Alpha` kann Zahlen von 1 bis 26 in Großbuchstaben und `alpha` in Kleinbuchstaben darstellen.

Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ Ⓕ Ⓖ Ⓗ Ⓘ Ⓢ Ⓚ Ⓛ Ⓜ Ⓝ Ⓞ Ⓟ Ⓠ Ⓡ Ⓢ Ⓣ Ⓤ Ⓥ Ⓦ Ⓧ Ⓨ Ⓩ  
ⓐ ⓑ ⓒ ⓓ ⓔ ⓕ ⓖ ⓗ ⓘ ⓙ ⓚ ⓛ ⓜ ⓝ ⓞ ⓟ ⓠ ⓡ ⓢ ⓣ ⓤ ⓥ ⓦ ⓧ ⓨ ⓩ

```
\begin{libertineenumerate}[Alpha]
\item Punkt 1
\item Punkt 2
\item Punkt 3
\end{libertineenumerate}
```

Ⓐ Punkt 1

Ⓑ Punkt 2

Ⓒ Punkt 3

```
\begin{libertineenumerate}[alpha]
\item Punkt 1
\item Punkt 2
\item Punkt 3
\end{libertineenumerate}
```

ⓐ Punkt 1

ⓑ Punkt 2

ⓒ Punkt 3

#### 10.2.4 doublecircle

Der Bereich doublecircle kann Zahlen von 1 bis 10 darstellen.

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

```
\begin{libertineenumerate}[doublecircle]
\item Punkt 1
\item Punkt 2
\item Punkt 3
\end{libertineenumerate}
```

① Punkt 1

② Punkt 2

③ Punkt 3

#### 10.2.5 darkcircle

Der Bereich darkcircle kann Zahlen von 1 bis 20 darstellen.

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳

```
\begin{libertineenumerate}[darkcircle]
\item Punkt 1
\item Punkt 2
\item Punkt 3
\end{libertineenumerate}
```

① Punkt 1

② Punkt 2

③ Punkt 3

#### 10.2.6 Roman

Der Bereich Roman kann Zahlen von 1 bis 11 darstellen.

I II III IV V VI VII VIII IX X XI

```
\begin{libertineenumerate}[Roman]
\item Punkt 1
\item Punkt 2
\item Punkt 3
\end{libertineenumerate}
```

I Punkt 1

II Punkt 2

III Punkt 3

#### 10.2.7 roman

Der Bereich roman kann Zahlen von 1 bis 11 darstellen.

i ii iii iv v vi vii viii ix x xi

```
\begin{libertineenumerate}[roman]
\item Punkt 1
\item Punkt 2
\item Punkt 3
\end{libertineenumerate}
```

i Punkt 1

ii Punkt 2








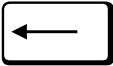




iii Punkt 3

























# 11 Tastenkappen

Für die Tastenkappen der Tastatur und Maussymbole stehen entsprechende Makros für den Biolinum Keyboard Font zur Verfügung.

## 11.1 Tastenmakros

### 11.1.1 Sondertasten





Tux	\LKeyTux	
Win	\LKeyWin	
Menu	\LKeyMenu	
Strg	\LKeyStrg	<b>Strg</b>
Alt	\LKeyAlt	<b>Alt</b>
AltGr	\LKeyAltGr	<b>AltGr</b>
Shift	\LKeyShift	
Enter	\LKeyEnter	
Tab	\LKeyTab	
CapsLock	\LKeyCapsLock	
Pos	\LKeyPos	<b>Pos1</b>
Entf	\LKeyEntf	<b>Entf</b>
Einf	\LKeyEinf	<b>Einf</b>
Leer	\LKeyLeer	<b>Leerz.</b>
Esc	\LKeyEsc	<b>Esc</b>
Ende	\LKeyEnde	<b>Ende</b>
Back	\LKeyBack	
Up	\LKeyUp	
Dwon	\LKeyDown	
Left	\LKeyLeft	
Right	\LKeyRight	

PgUp	\LKeyPgUp	
PgDown	\LKeyPgDown	
At	\LKeyAt	
Fn	\LKeyFn	
Home	\LKeyHome	
Del	\LKeyDe1	
Ins	\LKeyIns	
End	\LKeyEnd	
GNU	\LKeyGNU	
PageUp	\LKeyPageUp	
PageDown	\LKeyPageDown	
Command	\LKeyCommand	
OptionKey	\LKeyOptionKey	
F1	\LKeyF{1}	
F2	\LKeyF{2}	
F3	\LKeyF{3}	
F4	\LKeyF{4}	
F5	\LKeyF{5}	
F6	\LKeyF{6}	
F7	\LKeyF{7}	
F8	\LKeyF{8}	
F9	\LKeyF{9}	
F10	\LKeyF{10}	
F11	\LKeyF{11}	

F12	<code>\LKeyF{12}</code>	<b>F12</b>
F13	<code>\LKeyF{13}</code>	<b>F13</b>
F14	<code>\LKeyF{14}</code>	<b>F14</b>
F15	<code>\LKeyF{15}</code>	<b>F15</b>
F16	<code>\LKeyF{16}</code>	<b>F16</b>
PAD0	<code>\LKeyPad{1}</code>	<b>Pad 0</b>
PAD1	<code>\LKeyPad{1}</code>	<b>Pad 1</b>
PAD2	<code>\LKeyPad{2}</code>	<b>Pad 2</b>
PAD3	<code>\LKeyPad{3}</code>	<b>Pad 3</b>
PAD4	<code>\LKeyPad{4}</code>	<b>Pad 4</b>
PAD5	<code>\LKeyPad{5}</code>	<b>Pad 5</b>
PAD6	<code>\LKeyPad{6}</code>	<b>Pad 6</b>
PAD7	<code>\LKeyPad{7}</code>	<b>Pad 7</b>
PAD8	<code>\LKeyPad{8}</code>	<b>Pad 8</b>
PAD9	<code>\LKeyPad{9}</code>	<b>Pad 9</b>
PAD10	<code>\LKeyPad{10}</code>	<b>Pad ÷</b>
PAD11	<code>\LKeyPad{11}</code>	<b>Pad +</b>
PAD12	<code>\LKeyPad{12}</code>	<b>Pad −</b>
PAD13	<code>\LKeyPad{13}</code>	<b>Pad ×</b>
PAD14	<code>\LKeyPad{14}</code>	<b>Pad ↵</b>























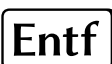































### 11.1.2 Allgemeine Tasten

Mit `\LKey{<glyphname>}` wird eine allgemeine Taste angesprochen.

0	<code>\LKey{one}</code>	
9	<code>\LKey{nine}</code>	
A	<code>\LKey{A}</code>	
Z	<code>\LKey{Z}</code>	









### 11.1.3 Tastenkombinationen

Strg-A	\LKeyStrgX{A}	 + 
Shift-A	\LKeyShiftX{A}	 + 
Alt-A	\LKeyAltX{A}	 + 
AltGr-A	\LKeyAltGrX{A}	 + 
Shift-Strg-A	\LKeyShiftStrgX{A}	 +  + 
Shift-Alt-A	\LKeyShiftAltX{A}	 +  + 
Shift-AltGr-A	\LKeyShiftAltGrX{A}	 +  + 
Strg-Alt-A	\LKeyStrgAltX{A}	 +  + 
Strg-Alt-Entf	\LKeyStrgAltEnt	 +  + 
Strg-Alt-Entf	\LKeyReset	 +  + 
Alt-F1	\LKeyAltF{1}	 + 
Alt-F2	\LKeyAltF{2}	 + 
Alt-F3	\LKeyAltF{3}	 + 
Alt-F4	\LKeyAltF{4}	 + 
Alt-F5	\LKeyAltF{5}	 + 
Alt-F6	\LKeyAltF{6}	 + 
Alt-F7	\LKeyAltF{7}	 + 
Alt-F8	\LKeyAltF{8}	 + 
Alt-F9	\LKeyAltF{9}	 + 
Alt-F10	\LKeyAltF{10}	 + 
Alt-F11	\LKeyAltF{11}	 + 
Alt-F12	\LKeyAltF{12}	 + 
Alt-F13	\LKeyAltF{13}	 + 
Alt-F14	\LKeyAltF{14}	 + 






Alt-F15	\LKeyAltF{15}	<b>Alt</b> + <b>F15</b>
Alt-F16	\LKeyAltF{16}	<b>Alt</b> + <b>F16</b>
Strg-Alt-F1	\LKeyStrgAltF{1}	<b>Strg</b> + <b>Alt</b> + <b>F1</b>
Strg-Alt-F2	\LKeyStrgAltF{2}	<b>Strg</b> + <b>Alt</b> + <b>F2</b>
Strg-Alt-F3	\LKeyStrgAltF{3}	<b>Strg</b> + <b>Alt</b> + <b>F3</b>
Strg-Alt-F4	\LKeyStrgAltF{4}	<b>Strg</b> + <b>Alt</b> + <b>F4</b>
Strg-Alt-F5	\LKeyStrgAltF{5}	<b>Strg</b> + <b>Alt</b> + <b>F5</b>
Strg-Alt-F6	\LKeyStrgAltF{6}	<b>Strg</b> + <b>Alt</b> + <b>F6</b>
Strg-Alt-F7	\LKeyStrgAltF{7}	<b>Strg</b> + <b>Alt</b> + <b>F7</b>
Strg-Alt-F8	\LKeyStrgAltF{8}	<b>Strg</b> + <b>Alt</b> + <b>F8</b>
Strg-Alt-F9	\LKeyStrgAltF{9}	<b>Strg</b> + <b>Alt</b> + <b>F9</b>
Strg-Alt-F10	\LKeyStrgAltF{10}	<b>Strg</b> + <b>Alt</b> + <b>F10</b>
Strg-Alt-F11	\LKeyStrgAltF{11}	<b>Strg</b> + <b>Alt</b> + <b>F11</b>
Strg-Alt-F12	\LKeyStrgAltF{12}	<b>Strg</b> + <b>Alt</b> + <b>F12</b>
Strg-Alt-F13	\LKeyStrgAltF{13}	<b>Strg</b> + <b>Alt</b> + <b>F13</b>
Strg-Alt-F14	\LKeyStrgAltF{14}	<b>Strg</b> + <b>Alt</b> + <b>F14</b>
Strg-Alt-F15	\LKeyStrgAltF{15}	<b>Strg</b> + <b>Alt</b> + <b>F15</b>
Strg-Alt-F16	\LKeyStrgAltF{16}	<b>Strg</b> + <b>Alt</b> + <b>F16</b>

### 11.1.4 Maus Tasten

#### mit drei Tasten

Empty	\MouseEmpty	
No	\MouseN	
Left	\MouseL	
Middle	\MouseM	
Right	\MouseR	
LeftRight	\MouseLR	

#### mit zwei Tasten

Empty	\MouseIIEEmpty	
No	\MouseIIN	
Left	\MouseIIL	
Right	\MouseIIR	
LeftRight	\MouseIILR	

## 12 Outline

Der Schnitt Biolinum-Outline wird automatisch generiert.  
Daher kann es vorkommen, dass nicht jedes Zeichen perfekt ist.

### Aufruf

\biolinumOutline <text>

### Beispiele

Dies ist ein Beispiel!

01234567890

Dies ist ein Beispiel!

01234567890

*Dies ist ein Beispiel!*

01234567890

## 13 Shadow

Der Schnitt Biolinum-Shadow wird automatisch generiert.  
Daher kann es vorkommen, dass nicht jedes Zeichen perfekt ist.

### Aufruf

\biolinumShadow <text>

### Beispiele

Dies ist ein Beispiel!

01234567890

Dies ist ein Beispiel!

01234567890

*Dies ist ein Beispiel!*

01234567890

## 14 Initiale

Der Bereich der Initiale ist neu und noch in Entwicklung. Es stehen dabei die Buchstaben A-Z zur Verfügung. Es stehen folgende Makros zur Verfügung:

<code>\LlettrineS[&lt;zeilen&gt;]{&lt;buchstabe&gt;}</code>	Initiale mit Rand
<code>\LlettrineM[&lt;zeilen&gt;]{&lt;buchstabe&gt;}</code>	Initiale mit Mosaik (nicht vollständig)
<code>\renewcommand*\LlettrineDline{&lt;zeilen&gt;}</code>	Legt die Anzahl der Zeilen für <code>\LlettrineD</code> fest.
<code>\LlettrineD</code>	Initiale mit Libertine Display. Dabei muss keine Klammer verwendet werden! <code>\LlettrineD</code> In Böhmen
<code>\renewcommand*\BlettrineOline{&lt;zeilen&gt;}</code>	Legt die Anzahl der Zeilen für <code>\BlettrineO</code> fest.
<code>\BlettrineO</code>	Initiale mit Biolinum Outline
<code>\renewcommand*\BlettrineSline{&lt;zeilen&gt;}</code>	Legt die Anzahl der Zeilen für <code>\BlettrineS</code> fest.
<code>\BlettrineS</code>	Initiale mit Biolinum Shadow

### Beispiel-Initiale

#### Die drei Bergeleute im Kuttenberg (Grimm)

**I**n Böhmen liegt der Kuttenberg, darin arbeiteten drei Bergeleute lange Jahre und verdienten damit für Frau und Kind das Brot ehrlich. Wann sie morgens in den Berg gingen, so nahmen sie dreierlei mit: erstens ihr Gebetbuch, zweitens ihr Licht, aber nur auf einen Tag mit Öl versehen, drittens ihr bißchen Brot, das reichte auch nur auf einen Tag. Ehe sie die Arbeit anhuben, taten sie ihr Gebet zu Gott, daß er sie in dem Berge bewahren möchte, und darnach fingen sie getrost und fleißig an zu arbeiten. Es trug sich zu, als sie einen Tag gearbeitet hatten und es bald Abend war, daß der Berg vornen einfiel und der Eingang verschüttet wurde. Da meinten sie begraben zu sein und sprachen: »Ach Gott! Wir armen Bergeleute, wir müssen nun Hungers sterben! Wir haben nur einen Tag Brot zu essen und einen Tag Öl auf dem Licht!« Nun befahlen sie sich Gott und dachten bald zu sterben, doch wollten sie nicht müßig sein, solange sie noch Kräfte hätten, arbeiteten fort und fort und beteten. Also geschah es, daß ihr Licht sieben Jahr brannte, und ihr kleines bißchen Brot, von dem sie tagtäglich aßen, ward auch nicht all, sondern blieb ebenso groß, und sie meinten, die sieben Jahre wären nur ein Tag. Doch da sie sich nicht ihr Haar schneiden und den Bart abnehmen konnten, waren diese ellenlang gewachsen. Die Weiber hielten unterdessen ihre Männer für tot, meinten, sie würden sie nimmermehr wiedersehen, und dachten daran, andere zu heiraten.

**N**un geschah es, daß einer von den dreien unter der Erde so recht aus Herzensgrund wünschte: »Ach! Könnt ich noch einmal das Tageslicht sehen, so wollt ich gerne sterben!« Der zweite sprach: »Ach! Könnt ich noch einmal daheim bei meiner Frau zu Tische sitzen und essen, so wollt ich gerne sterben!« Da sprach auch der dritte: »Ach! Könnt ich nur noch ein Jahr friedlich und vergnügt mit meiner Frau leben, so wollt ich gerne sterben!« Wie sie das gesprochen hatten, so krachte der Berg gewaltig und übermächtig und sprang voneinander, da ging der erste hin zu dem Ritz und schaute hinauf und sah den blauen Himmel, und wie er sich am Tageslicht gefreut, sank er augenblicklich tot nieder. Der Berg aber tat sich immer mehr voneinander, also daß der Riß größer ward, da arbeiteten die beiden andern fort, hackten sich Treppen, krochen hinauf und kamen endlich heraus. Sie gingen nun fort in ihr Dorf und in ihre Häuser und suchten ihre Weiber, aber die wollten sie nicht mehr kennen. Sie sprachen: Habt ihr denn keine Männer gehabt?« - »Ja«, antworteten jene, »aber die sind schon sieben Jahre tot und liegen im Kuttenberg begraben!« Der zweite sprach zu seiner Frau: »Ich bin dein Mann«, aber sie wollt es nicht glauben, weil er den ellenlangen Bart hatte und ganz unkenntlich war. Da sagte er: »Hol mir das Bartmesser, das oben in dem Wandschrank liegen wird, und ein Stückchen Seife dazu.« Nun nahm er sich den Bart ab, kämmte und wusch sich, und als er fertig war, sah sie, daß es ihr Mann war. Sie freute sich herzlich, holte Essen und Trinken, so gut sie es hatte, deckte den Tisch, und sie setzten sich zusammen hin und aßen vergnügt miteinander. Wie aber der Mann satt war und den letzten Bissen Brot gegessen hatte, da fiel er um und war tot. Der dritte Bergmann wohnte ein ganzes Jahr in Stille und Frieden mit seiner Frau zusammen; als es herum war, zu derselben Stunde aber, wo er aus dem Berg gekommen war, fiel er und seine Frau mit ihm tot hin. Also hatte Gott ihre Wünsche ihrer Frömmigkeit wegen erfüllt.

...

### Beispiel-Initiale mit Display

#### Die drei Bergleute im Kuttenberg (Grimm)

In Böhmen liegt der Kuttenberg, darin arbeiteten drei Bergleute lange Jahre und verdienten damit für Frau und Kind das Brot ehrlich. Wann sie morgens in den Berg gingen, so nahmen sie dreierlei mit: erstens ihr Gebetbuch, zweitens ihr Licht, aber nur auf einen Tag mit Öl versehen, drittens ihr bißchen Brot, das reichte auch nur auf einen Tag. ...

Nun geschah es, daß einer von den dreien unter der Erde so recht aus Herzensgrund wünschte: »Ach! Könnt ich noch einmal das Tageslicht sehen, so wollt ich gerne sterben!« Der zweite sprach: »Ach! Könnt ich noch einmal daheim bei meiner Frau zu Tische sitzen und essen, so wollt ich gerne sterben!« Da sprach auch der dritte: »Ach! Könnt ich nur noch ein Jahr friedlich und vergnügt mit meiner Frau leben, so wollt ich gerne sterben!« ...

### Beispiel-Initiale mit Outline

#### Die drei Bergleute im Kuttenberg (Grimm)

In Böhmen liegt der Kuttenberg, darin arbeiteten drei Bergleute lange Jahre und verdienten damit für Frau und Kind das Brot ehrlich. Wann sie morgens in den Berg gingen, so nahmen sie dreierlei mit: erstens ihr Gebetbuch, zweitens ihr Licht, aber nur auf einen Tag mit Öl versehen, drittens ihr bißchen Brot, das reichte auch nur auf einen Tag. ...

Nun geschah es, daß einer von den dreien unter der Erde so recht aus Herzensgrund wünschte: »Ach! Könnt ich noch einmal das Tageslicht sehen, so wollt ich gerne sterben!« Der zweite sprach: »Ach! Könnt ich noch einmal daheim bei meiner Frau zu Tische sitzen und essen, so wollt ich gerne sterben!« Da sprach auch der dritte: »Ach! Könnt ich nur noch ein Jahr friedlich und vergnügt mit meiner Frau leben, so wollt ich gerne sterben!« ...

### Beispiel-Initiale mit Shadow

#### Die drei Bergleute im Kuttenberg (Grimm)

In Böhmen liegt der Kuttenberg, darin arbeiteten drei Bergleute lange Jahre und verdienten damit für Frau und Kind das Brot ehrlich. Wann sie morgens in den Berg gingen, so nahmen sie dreierlei mit: erstens ihr Gebetbuch, zweitens ihr Licht, aber nur auf einen Tag mit Öl versehen, drittens ihr bißchen Brot, das reichte auch nur auf einen Tag. ...

Nun geschah es, daß einer von den dreien unter der Erde so recht aus Herzensgrund wünschte: »Ach! Könnt ich noch einmal das Tageslicht sehen, so wollt ich gerne sterben!« Der zweite sprach: »Ach! Könnt ich noch einmal daheim bei meiner Frau zu Tische sitzen und essen, so wollt ich gerne sterben!« Da sprach auch der dritte: »Ach! Könnt ich nur noch ein Jahr friedlich und vergnügt mit meiner Frau leben, so wollt ich gerne sterben!« ...

## 15 Glyphen

### 15.1 Libertine

!	exclam	2	two	?	question	ó	oacute
!	uni0021	2	uni0032	?	uni003F	ó	uni00F3
”	quotedbl	3	three	@	at	ô	ocircumflex
”	uni0022	3	uni0033	@	uni0040	ô	uni00F4
#	numbersign	4	four	A	A	õ	otilde
#	uni0023	4	uni0034	A	uni0041	õ	uni00F5
\$	dollar	5	five	B	B	ö	odieresis
\$	uni0024	5	uni0035	B	uni0042	ö	uni00F6
%	percent	6	six	C	C	÷	divide
%	uni0025	6	uni0036	C	uni0043	÷	uni00F7
(	parenleft	7	seven	D	D	ù	ugrave
(	uni0028	7	uni0037	D	uni0044	ù	uni00F9
)	parenright	9	nine	E	E	ú	uacute
)	uni0029	9	uni0039	E	uni0045	ú	uni00FA
*	asterisk	:	colon	F	F	û	ucircumflex
*	uni002A	:	uni003A	F	uni0046	û	uni00FB
+	plus	<	less	G	G	ě	ebreve
+	uni002B	<	uni003C	G	uni0047	ě	uni0115
/	slash	=	equal	‘	grave	È	Edotaccent
/	uni002F	=	uni003D	‘	uni0060	È	uni0116
1	one	>	greater	ò	ograve	è	edotaccent
1	uni0031	>	uni003E	ò	uni00F2	è	uni0117

Ę	Eogonek	Ĥ	Hcircumflex	İ	Idotaccent	Р	uni0420
Ě	uni0118	Ĥ	uni0124	İ	uni0130	С	afii10035
ę	eogonek	ĥ	hcircumflex	Ј	afii10057	С	uni0421
ě	uni0119	ĥ	uni0125	Ј	uni0408	Т	afii10036
Ě	Ecaron	Ĥ	Hbar	Ќ	afii10061	Т	uni0422
Ě	uni011A	Ĥ	uni0126	Ќ	uni040C	У	afii10037
ě	ecaron	ĥ	hbar	Ў	uni040D	У	uni0423
ě	uni011B	ĥ	uni0127	Ў	afii10062	Х	afii10039
Ĝ	Gcircumflex	ĩ	Itilde	Ў	uni040E	Х	uni0425
Ĝ	uni011C	ĩ	uni0128	Г	afii10020	Ц	afii10040
ĝ	gcircumflex	ĩ	itilde	Г	uni0413	Ц	uni0426
ĝ	uni011D	ĩ	uni0129	Д	afii10021	Ч	afii10041
Ḡ	Gbreve	ī	I macron	Д	uni0414	Ч	uni0427
Ḡ	uni011E	ī	uni012A	Ж	afii10024	Ш	afii10042
ḡ	gbreve	ī	imacron	Ж	uni0416	Ш	uni0428
ḡ	uni011F	ī	uni012B	З	afii10025	Щ	afii10043
Ḡ	Gdotaccent	İ	I breve	З	uni0417	Щ	uni0429
Ḡ	uni0120	İ	uni012C	И	afii10026	Ъ	afii10044
ḡ	gdotaccent	ı	i breve	И	uni0418	Ъ	uni042A
ḡ	uni0121	ı	uni012D	Й	afii10027	Ы	afii10045
Ḣ	Gcommaaccent	Į	Iogonek	Й	uni0419	Ы	uni042B
Ḣ	uni0122	Į	uni012E	П	afii10033	Ь	afii10046
ḣ	gcommaaccent	į	iogonek	П	uni041F	Ь	uni042C
ḣ	uni0123	į	uni012F	Р	afii10034	Э	afii10047



Э	uni042D	І	uni04C0	Ў	uni04F3	é	uni1E17
Ю	afii10048	Ă	uni04D0	Ȧ	uni1E00	Ê	uni1E18
Ю	uni042E	ă	uni04D1	ȧ	uni1E01	ẽ	uni1E19
Я	afii10049	Ä	uni04D2	Ḃ	uni1E02	Ě	uni1E1A
Я	uni042F	ä	uni04D3	ḃ	uni1E03	ẽ	uni1E1B
Ч	afii10089	Æ	uni04D4	Ḅ	uni1E04	Ě	uni1E1C
Ч	uni0447	æ	uni04D5	ḅ	uni1E05	ě	uni1E1D
Ш	afii10090	Ě	uni04D6	Ḇ	uni1E06	Ḟ	uni1E1E
Ш	uni0448	ě	uni04D7	ḇ	uni1E07	ḟ	uni1E1F
Щ	afii10091	Ə	uni04D8	Ḉ	uni1E08	Ḡ	uni1E20
Щ	uni0449	ə	afii10846	ḉ	uni1E09	ḡ	uni1E21
Ъ	afii10092	ə	uni04D9	Ḋ	uni1E0A	Ḣ	uni1E22
Ъ	uni044A	Ə	uni04DA	ḋ	uni1E0B	ḣ	uni1E23
Ы	afii10093	ə	uni04DB	Ḍ	uni1E0C	Ḥ	uni1E24
Ы	uni044B	Ʒ	uni04E0	ḍ	uni1E0D	ḥ	uni1E25
Ь	afii10094	Ʒ	uni04E1	Ḏ	uni1E0E	Ḣ	uni1E26
Ь	uni044C	Ö	uni04E6	ḏ	uni1E0F	ḥ	uni1E27
Э	afii10095	ö	uni04E7	Ḑ	uni1E10	Ḥ	uni1E28
Э	uni044D	Θ	uni04E8	ḑ	uni1E11	ḥ	uni1E29
Ю	afii10096	θ	uni04E9	Ḓ	uni1E12	Ḥ	uni1E2A
Ю	uni044E	Ө	uni04EA	ḓ	uni1E13	ḥ	uni1E2B
Я	afii10097	ö	uni04EB	Ḕ	uni1E14	Ḣ	uni1E2C
Я	uni044F	ȳ	uni04EF	è	uni1E15	ḣ	uni1E2D
У	uni04AE	ÿ	uni04F1	Ē	uni1E16	İ	uni1E2E

İ	uni1E2F	ŋ	uni1E47	ŕ	uni1E5F	ұ	uni1E77
Ķ	uni1E30	N̄	uni1E48	Š	uni1E60	Ů	uni1E78
ķ	uni1E31	ņ	uni1E49	š	uni1E61	ů	uni1E79
Ḷ	uni1E32	Ṅ	uni1E4A	Ṣ	uni1E62		space
ḷ	uni1E33	ṅ	uni1E4B	ṣ	uni1E63		uni0020
Ḹ	uni1E34	Õ	uni1E4C	Ṧ	uni1E64	&	ampersand
ḹ	uni1E35	õ	uni1E4D	ṧ	uni1E65	&	uni0026
Ḻ	uni1E36	Ö	uni1E4E	Š̈	uni1E66	,	quotesingle
ḻ	uni1E37	ö	uni1E4F	š̈	uni1E67	,	uni0027
Ḽ	uni1E38	Ȫ	uni1E50	Ṡ	uni1E68	,	comma
ḽ	uni1E39	ȫ	uni1E51	ṡ	uni1E69	,	uni002C
Ḿ	uni1E3A	Ȭ	uni1E52	Ṩ	uni1E6A	-	hyphen
ḿ	uni1E3B	ó	uni1E53	ṩ	uni1E6B	-	uni002D
Ṁ	uni1E3C	Ṗ	uni1E54	Ṣ̈	uni1E6C	.	period
ṁ	uni1E3D	ṗ	uni1E55	ṣ̈	uni1E6D	.	uni002E
Ṃ	uni1E3E	Ṙ	uni1E56	Ṣ̈̇	uni1E6E	0	zero
ṃ	uni1E3F	ṙ	uni1E57	ṣ̈̇	uni1E6F	0	uni0030
Ṅ	uni1E40	Ṛ	uni1E58	Ṣ̈̈	uni1E70	I	I
ṅ	uni1E41	ṛ	uni1E59	ṣ̈̈	uni1E71	I	uni0049
Ṇ	uni1E42	Ṛ̇	uni1E5A	Ṣ̈̈̇	uni1E72	J	J
ṇ	uni1E43	ṛ̇	uni1E5B	ұ	uni1E73	J	uni004A
Ṉ	uni1E44	Ṛ̈	uni1E5C	Ṱ	uni1E74	K	K
ṉ	uni1E45	ṛ̈	uni1E5D	ұ	uni1E75	K	uni004B
Ṋ	uni1E46	Ṛ̈̇	uni1E5E	Ṱ̇	uni1E76	L	L

L	uni004C	X	uni0058	f	f	r	r
M	M	Y	Y	f	uni0066	r	uni0072
M	uni004D	Y	uni0059	g	g	s	s.superior
N	N	Z	Z	g	uni0067	s	uni02E2
N	uni004E	Z	uni005A	h	h	t	t
O	O	[	bracketleft	h	uni0068	t	uni0074
O	uni004F	[	uni005B	i	i	u	u
P	P	\	backslash	i	uni0069	u	uni0075
P	uni0050	\	uni005C	j	j	v	v
Q	Q	]	bracketright	j	uni006A	v	uni0076
Q	uni0051	]	uni005D	k	k	w	w
R	R	^	uni02C4	k	uni006B	W	uni0077
R	uni0052	_	underscore	l	l.superior	x	x.superior
S	S	_	uni005F	l	uni02E1	x	uni02E3
S	uni0053	a	a	m	m	y	y
T	T	a	uni0061	m	uni006D	y	uni0079
T	uni0054	b	b	n	n	z	z
U	U	b	uni0062	n	uni006E	Z	uni007A
U	uni0055	c	c	o	o	{	braceleft
V	V	c	uni0063	o	uni006F	{	uni007B
V	uni0056	d	d	p	p		bar
W	W	d	uni0064	p	uni0070		uni007C
W	uni0057	e	e	q	q	}	braceright
X	X	e	uni0065	q	uni0071	}	uni007D

~	asciitilde	«	uni00AB	¸	uni00B8	Ä	uni00C4
~	uni007E	¬	logicalnot	¹	one.superior	Å	Aring
	uni00A0	¬	uni00AC	¹	uni00B9	Å	uni00C5
!	exclamdown	-	uni00AD	º	ordmasculine	Æ	AE
!	uni00A1	®	registered	º	uni00BA	Æ	uni00C6
¢	cent	®	uni00AE	»	guillemotright	Ç	Ccedilla
¢	uni00A2	-	macron	»	uni00BB	Ç	uni00C7
£	sterling	-	uni00AF	¼	onequarter	È	Egrave
£	uni00A3	°	degree	¼	uni00BC	È	uni00C8
¤	currency	°	uni00B0	½	onehalf	É	Eacute
¤	uni00A4	±	plusminus	½	uni00BD	É	uni00C9
¥	yen	±	uni00B1	¾	threequarters	Ê	Ecircumflex
¥	uni00A5	²	two.superior	¾	uni00BE	Ê	uni00CA
	brokenbar	²	uni00B2	¿	questiondown	Ë	Edieresis
	uni00A6	³	three.superior	¿	uni00BF	Ë	uni00CB
§	section	³	uni00B3	À	Agrave	Ì	Igrave
§	uni00A7	'	acute	À	uni00C0	Ì	uni00CC
¨	dieresis	'	uni00B4	Á	Aacute	Í	Iacute
¨	uni00A8	μ	uni00B5	Á	uni00C1	Í	uni00CD
©	copyright	¶	pilcrow	Â	Acircumflex	Î	Icircumflex
©	uni00A9	¶	uni00B6	Â	uni00C2	Î	uni00CE
ª	ordfeminine	•	periodcentered	Ã	Atilde	Ï	Idieresis
ª	uni00AA	•	uni00B7	Ã	uni00C3	Ï	uni00CF
«	guillemotleft	¸	cedilla	Ä	Adieresis	Ð	Eth

Ð	uni00D0	Ü	uni00DC	è	uni00E8	ý	uni00FD
Ñ	Ntilde	Ý	Yacute	é	eacute	þ	thorn
Ñ	uni00D1	Ý	uni00DD	é	uni00E9	þ	uni00FE
Ò	Ograve	Þ	Thorn	ê	ecircumflex	ÿ	ydieresis
Ò	uni00D2	Þ	uni00DE	ê	uni00EA	ÿ	uni00FF
Ó	Oacute	ß	germandbls	ë	edieresis	Ā	Amacron
Ó	uni00D3	ß	uni00DF	ë	uni00EB	Ā	uni0100
Ô	Ocircumflex	à	agrave	ì	igrave	ā	amacron
Ô	uni00D4	à	uni00E0	ì	uni00EC	ā	uni0101
Õ	Otilde	á	aacute	í	iacute	Ă	Abreve
Õ	uni00D5	á	uni00E1	í	uni00ED	Ă	uni0102
Ö	Odieresis	â	acircumflex	î	icircumflex	ă	abreve
Ö	uni00D6	â	uni00E2	î	uni00EE	ă	uni0103
×	multiply	ã	atilde	ï	idieresis	Ą	Aogonek
×	uni00D7	ã	uni00E3	ï	uni00EF	Ą	uni0104
Ø	Oslash	ä	adieresis	ð	eth	ą	aogonek
Ø	uni00D8	ä	uni00E4	ð	uni00F0	ą	uni0105
Ù	Ugrave	å	aring	ñ	ntilde	Ć	Cacute
Ù	uni00D9	å	uni00E5	ñ	uni00F1	Ć	uni0106
Ú	Uacute	æ	ae	ø	oslash	ć	acute
Ú	uni00DA	æ	uni00E6	ø	uni00F8	ć	uni0107
Û	Ucircumflex	ç	cedilla	ü	udieresis	Ĉ	Ccircumflex
Û	uni00DB	ç	uni00E7	ü	uni00FC	Ĉ	uni0108
Ü	Udieresis	è	egrave	ý	yacute	ĉ	ccircumflex

Ĉ	uni0109	Ħ	uni0131	Ĺ	uni013D	ŋ̇	uni0149
Ċ	Cdotaccent	IȲ	IȲ	Ľ	lcaron	ŋ̈	Eng
Ċ	uni010A	IȲ	uni0132	Ľ	uni013E	ŋ̈	uni014A
ċ	cdotaccent	ij̇	ij̇	Ł	Ldot	ŋ̇	eng
ċ	uni010B	ij̇	uni0133	Ł	uni013F	ŋ̇	uni014B
Č	Ccaron	Ĵ	Jcircumflex	ł̇	ldot	Ō	Omacron
Č	uni010C	Ĵ	uni0134	ł̇	uni0140	Ō	uni014C
č	ccaron	ĵ	jcircumflex	Ł	Lslash	ō	omacron
č	uni010D	ĵ	uni0135	Ł	uni0141	ō	uni014D
Ǧ	Dcaron	Ɔ̣	Kcommaaccent	ł̣	lslash	Ŏ	Obreve
Ǧ	uni010E	Ɔ̣	uni0136	ł̣	uni0142	Ŏ	uni014E
ď	dcaron	ķ̣	kcommaaccent	Ņ	Nacute	ŏ	obreve
ď	uni010F	ķ̣	uni0137	Ņ	uni0143	ŏ	uni014F
Đ	Dcroat	Ɔ	kgreenlandic	ń	nacute	Ő	Ohungarumlaut
Đ	uni0110	Ɔ	uni0138	ń	uni0144	Ő	uni0150
đ	dcroat	Ĺ	Lacute	Ŋ̣	Ncommaaccent	ő	ohungarumlaut
đ	uni0111	Ĺ	uni0139	Ŋ̣	uni0145	ő	uni0151
Ē	Emacron	Í	lacute	ŋ̣	ncommaaccent	Œ	OE
Ē	uni0112	Í	uni013A	ŋ̣	uni0146	Œ	uni0152
ē	emacron	Ł̣	Lcommaaccent	Ņ̇	Ncaron	œ	oe
ē	uni0113	Ł̣	uni013B	Ņ̇	uni0147	œ	uni0153
Ė	Ebreve	ł̣	lcommaaccent	ņ̇	ncaron	Ŕ	Racute
Ė	uni0114	ł̣	uni013C	ņ̇	uni0148	Ŕ	uni0154
ı	dotlessi	Ĺ	Lcaron	ŋ̇	napostrophe	ŕ	racute

Ŕ	uni0155	Š	uni0161	ǰ	uni016D	Ž	uni0179
Ŗ	Rcommaaccent	Ț	Tcedilla	Ŭ	Uring	Ž	zacute
Ŗ	uni0156	Ț	uni0162	Ŭ	uni016E	Ž	uni017A
ŗ	rcommaaccent	ț	tcedilla	ŭ	uring	Ž	Zdotaccent
ŗ	uni0157	ț	uni0163	ŭ	uni016F	Ž	uni017B
Ř	Rcaron	Ț	Tcaron	Ű	Uhungarumlaut	ž	zdotaccent
Ř	uni0158	Ț	uni0164	Ű	uni0170	ž	uni017C
ř	rcaron	ť	tcaron	ű	uhungarumlaut	Ž	Zcaron
ř	uni0159	ť	uni0165	ű	uni0171	Ž	uni017D
Ŝ	Sacute	Ț	Tbar	Ț	Uogonek	ž	zcaron
Ŝ	uni015A	Ț	uni0166	Ț	uni0172	ž	uni017E
ŝ	sacute	Ț	tbar	Ț	uogonek	f	longs
ŝ	uni015B	Ț	uni0167	Ț	uni0173	f	uni017F
Ŝ	Scircumflex	Ũ	Utilde	Ŵ	Wcircumflex	Ɔ	uni0186
Ŝ	uni015C	Ũ	uni0168	Ŵ	uni0174	Đ	uni0189
ŝ	scircumflex	ũ	utilde	ŵ	wcircumflex	Ǝ	uni018E
ŝ	uni015D	ũ	uni0169	ŵ	uni0175	Ə	uni018F
Ș	Scedilla	Ū	Umacron	Ŷ	Ycircumflex	f	florin
Ș	uni015E	Ū	uni016A	Ŷ	uni0176	f	uni0192
ș	scedilla	ū	umacron	ŷ	ycircumflex	η	uni019E
ș	uni015F	ū	uni016B	ŷ	uni0177	Θ	uni019F
Š	Scaron	Ǫ	Ubreve	ÿ	Ydieresis	Ɔ	Ohorn
Š	uni0160	Ǫ	uni016C	ÿ	uni0178	Ɔ	uni01A0
š	scaron	ǫ	ubreve	Ž	Zacute	Ɔ	ohorn

Ǿ	uni01A1	Nj	uni01CB	Ē	uni01E2	Ṅ	uni01F8
Ȣ	uni01A7	nj	uni01CC	ǣ	uni01E3	ṇ	uni01F9
Ȥ	uni01A8	Ǻ	uni01CD	Ġ	uni01E4	Ǻ	Aringacute
Σ	uni01A9	ǻ	uni01CE	g	uni01E5	Ǻ	uni01FA
Ů	Uhorn	Ǫ	uni01CF	Ĝ	Gcaron	ǻ	aringacute
Ů	uni01AF	ǫ	uni01D0	Ĝ	uni01E6	ǻ	uni01FB
ǰ	uhorn	Ö	uni01D1	ğ	gcaron	Æ	AEacute
ǰ	uni01B0	ö	uni01D2	ğ	uni01E7	Æ	uni01FC
Z	uni01B5	Ŭ	uni01D3	Ķ	uni01E8	æ	aeacute
z	uni01B6	ŭ	uni01D4	ķ	uni01E9	æ	uni01FD
3	uni01B7	Ū	uni01D5	Q	uni01EA	Ø	Oslashacute
Σ	uni01B8	ū	uni01D6	q	uni01EB	Ø	uni01FE
Σ	uni01B9	Ŭ	uni01D7	Q	uni01EC	ø	oslashacute
	uni01C0	ú	uni01D8	q̄	uni01ED	ø	uni01FF
	uni01C1	Ŭ	uni01D9	Ž	uni01EE	Ä	uni0200
‡	uni01C2	ű	uni01DA	ž	uni01EF	à	uni0201
!	uni01C3	Ü	uni01DB	ĵ	uni01F0	Â	uni0202
DŽ	uni01C4	ű	uni01DC	DZ	uni01F1	â	uni0203
Dž	uni01C5	ə	eturned	Dz	uni01F2	È	uni0204
dž	uni01C6	ə	uni01DD	dz	uni01F3	è	uni0205
LJ	uni01C7	Ā	uni01DE	Ġ	uni01F4	Ê	uni0206
Lj	uni01C8	ā	uni01DF	ġ	uni01F5	ê	uni0207
lj	uni01C9	Ä	uni01E0	Hb	uni01F6	Ï	uni0208
NJ	uni01CA	ā	uni01E1	p	uni01F7	ì	uni0209



Î	uni020A	8	uni0222	ε	uni025B	,	afii57929
î	uni020B	8	uni0223	3	uni025C	,	uni02BC
Ò	uni020C	À	uni0226	ı	uni0265	^	circumflex
ò	uni020D	à	uni0227	ı	uni026A	^	uni02C6
Ô	uni020E	Ė	uni0228	ı	turned	ˇ	caron
ô	uni020F	ę	uni0229	ı	uni026F	ˇ	uni02C7
Ř	uni0210	Ö	uni022A	ı	uni0270	ˆ	uni02C8
ř	uni0211	ö	uni022B	ı	uni0271	ˉ	uni02C9
Ŕ	uni0212	Õ	uni022C	ı	uni0272	ˆ	uni02CC
ŕ	uni0213	õ	uni022D	ı	uni0273	ˆ	uni02D0
Û	uni0214	Ò	uni022E	ı	turned	˘	uni02D1
ù	uni0215	ò	uni022F	ı	uni0279	˘	breve
Û	uni0216	Ö	uni0230	ı	uni027A	˘	uni02D8
û	uni0217	ö	uni0231	ı	uni027C	˙	dotaccent
Ș	Scommaaccent	Ȳ	uni0232	ı	uni0283	˙	uni02D9
ș	uni0218	ȳ	uni0233	ı	uni0285	◊	ring
Ș	scommaaccent	Ƶ	turned	ı	uni0287	◊	uni02DA
ș	uni0219	Ƶ	uni0250	Λ	uni028C	˘	ogonek
Ț	Tcommaaccent	ɑ	uni0251	ℳ	uni028D	˘	uni02DB
Ț	uni021A	ɒ	uni0252	ℒ	uni028E	˜	tilde
ț	tcommaaccent	ɔ	turned	Υ	uni028F	˜	uni02DC
ț	uni021B	ɔ	uni0254	Ʒ	uni0292	˝	hungarumlaut
Ĥ	uni021E	ə	uni0258	Ț	uni029E	˝	uni02DD
ĥ	uni021F	ə	uni0259	‘	uni02BB	˘	gravecomb

`	uni0300	Υ	Upsilon tonos	Κ	Kappa	Χ	Chi
´	acutecomb	Υ	uni038E	Κ	uni039A	Χ	uni03A7
´	uni0301	Ω	Omega tonos	Λ	Lambda	Ψ	Psi
^	circumflexcomb	Ω	uni038F	Λ	uni039B	Ψ	uni03A8
^	uni0302	ι	iotadieresis tonos	Μ	Mu	Ω	Omega
~	tildecomb	ι	uni0390	Μ	uni039C	Ω	uni03A9
~	uni0303	Α	Alpha	Ν	Nu	ϊ	Iotadieresis
·	uni0307	Α	uni0391	Ν	uni039D	ϊ	uni03AA
..	uni0308	Β	Beta	Ξ	Xi	ϋ	Upsilondieresis
ʹ	hookabovecomb	Β	uni0392	Ξ	uni039E	ϋ	uni03AB
ʹ	uni0309	Γ	Gamma	Ο	Omicron	ά	alphanos
✓	uni030C	Γ	uni0393	Ο	uni039F	ά	uni03AC
“	uni030F	Δ	Delta	Π	Pi	έ	epsilontonos
’	uni031B	Δ	uni0394	Π	uni03A0	έ	uni03AD
.	dotbelowcomb	Ε	Epsilon	Ρ	Rho	ή	etatonos
.	uni0323	Ε	uni0395	Ρ	uni03A1	ή	uni03AE
,	uni0326	Ζ	Zeta	Σ	Sigma	ί	iotatonos
ς	uni0327	Ζ	uni0396	Σ	uni03A3	ί	uni03AF
’	tonos	Η	Eta	Τ	Tau	ϣ	upsilondieresis-
’	uni0384	Η	uni0397	Τ	uni03A4	nos ϣ	uni03B0
Ι	Iotatonos	Θ	Theta	Υ	Upsilon	α	alpha
Ι	uni038A	Θ	uni0398	Υ	uni03A5	α	uni03B1
Ο	Omicrontonos	Ι	Iota	Φ	Phi	β	beta
Ο	uni038C	Ι	uni0399	Φ	uni03A6		

β	uni03B2	ξ	uni03BE	ï	uni03CA	Θ	uni03F4
γ	gamma	ο	omicron	Û	upsilondieresis	€	uni03F5
Υ	uni03B3	Ο	uni03BF	Ü	uni03CB	Ƈ	uni03F9
δ	delta	π	pi	ó	omicrontonos	Ɔ	afii10054
Δ	uni03B4	Π	uni03C0	Ó	uni03CC	Ɔ	uni0405
ε	epsilon	ρ	rho	ú	upsilontonos	Ɔ	afii10055
Ε	uni03B5	Ρ	uni03C1	Ú	uni03CD	Ɔ	uni0406
ζ	zeta	ς	sigma1	ώ	omegatonos	ÿ	afii10056
Ζ	uni03B6	Σ	uni03C2	Ω	uni03CE	ÿ	uni0407
η	eta	σ	sigma	β	uni03D0	Α	afii10017
Η	uni03B7	Σ	uni03C3	θ	theta1	Α	uni0410
θ	theta	τ	tau	ϑ	uni03D1	Б	afii10018
Θ	uni03B8	Τ	uni03C4	Υ	Upsilon1	Б	uni0411
ι	iota	υ	upsilon	Υ	uni03D2	В	afii10019
Ι	uni03B9	Υ	uni03C5	Ύ	uni03D3	В	uni0412
κ	kappa	φ	phi	ÿ	uni03D4	Е	afii10022
Κ	uni03BA	Φ	uni03C6	φ	phi1	Е	uni0415
λ	lambda	χ	chi	φ	uni03D5	К	afii10028
Λ	uni03BB	Χ	uni03C7	ω	omega1	К	uni041A
μ	mu	ψ	psi	ω	uni03D6	Л	afii10029
Μ	uni03BC	Ψ	uni03C8	κ	uni03D7	Л	uni041B
ν	nu	ω	omega	κ	uni03F0	М	afii10030
Ν	uni03BD	Ω	uni03C9	ρ	uni03F1	М	uni041C
ξ	xi	ï	iotadieresis	Ƈ	uni03F2	Н	afii10031

Н	uni041D	Й	uni0439	Ц	uni0446	Ỹ	uni1E7D
О	afii10032	К	afii10076	è	uni0450	Ỳ	uni1E7E
О	uni041E	К	uni043A	ë	afii10071	ỳ	uni1E7F
Ф	afii10038	Л	afii10077	ë	uni0451	Ẁ	Wgrave
Ф	uni0424	Л	uni043B	í	afii10100	Ẁ	uni1E80
а	afii10065	М	afii10078	í	uni0453	ẁ	wgrave
а	uni0430	М	uni043C	Œ	afii10102	ẁ	uni1E81
б	afii10066	Н	afii10079	Œ	uni0455	Ẃ	Wacute
б	uni0431	Н	uni043D	ì	afii10103	Ẃ	uni1E82
В	afii10067	О	afii10080	ì	uni0456	ẃ	wacute
В	uni0432	О	uni043E	ï	afii10104	ẃ	uni1E83
Г	afii10068	П	afii10081	ï	uni0457	Ẅ	Wdieresis
Г	uni0433	П	uni043F	ĵ	afii10105	Ẅ	uni1E84
Д	afii10069	р	afii10082	ĵ	uni0458	ẅ	wdieresis
Д	uni0434	р	uni0440	Ķ	afii10109	ẅ	uni1E85
е	afii10070	с	afii10083	Ķ	uni045C	Ẇ	uni1E86
е	uni0435	с	uni0441	Й	uni045D	Ẇ	uni1E87
Ж	afii10072	Т	afii10084	Ÿ	afii10110	Ẅ	uni1E88
Ж	uni0436	Т	uni0442	Ÿ	uni045E	Ẅ	uni1E89
З	afii10073	У	afii10085	Ψ	uni0470	Ẋ	uni1E8A
З	uni0437	У	uni0443	ψ	uni0471	Ẋ	uni1E8B
И	afii10074	Ф	afii10086	Ū	uni1E7A	Ẋ	uni1E8C
И	uni0438	Ф	uni0444	ü	uni1E7B	Ẋ	uni1E8D
Й	afii10075	Ц	afii10088	Ŵ	uni1E7C	Ỳ	uni1E8E

ÿ	uni1E8F	ã	uni1EAB	Ê	uni1EC2	ô	uni1ED9
Ž	uni1E90	Ā	uni1EAC	ě	uni1EC3	Ŏ	uni1EDA
ž	uni1E91	ā	uni1EAD	Ě	uni1EC4	ó	uni1EDB
Ẑ	uni1E92	Ǻ	uni1EAE	ẽ	uni1EC5	Ỗ	uni1EDC
Ẓ	uni1E93	ǻ	uni1EAF	Ê	uni1EC6	ò	uni1EDD
Ẕ	uni1E94	Ǽ	uni1EB0	ê	uni1EC7	Ỗ	uni1EDE
ẖ	uni1E95	ǿ	uni1EB1	Ĭ	uni1EC8	ỏ	uni1EDF
h̲	uni1E96	Ǻ	uni1EB2	ỉ	uni1EC9	Ỗ	uni1EE0
ț	uni1E97	ǻ	uni1EB3	Ị	uni1ECA	ỗ	uni1EE1
Ẁ	uni1E98	Ǽ	uni1EB4	ì	uni1ECB	Ợ	uni1EE2
ÿ̇	uni1E99	ǿ	uni1EB5	Ọ	uni1ECC	ợ	uni1EE3
ƒ̇	uni1E9B	Ǽ	uni1EB6	ọ	uni1ECD	Ụ	uni1EE4
Ạ	uni1EA0	ǻ	uni1EB7	Ỏ	uni1ECE	ụ	uni1EE5
ạ	uni1EA1	Ẹ	uni1EB8	ỏ	uni1ECF	Ủ	uni1EE6
Ǻ	uni1EA2	ẹ	uni1EB9	Ố	uni1ED0	ủ	uni1EE7
ǻ	uni1EA3	Ẻ	uni1EBA	ố	uni1ED1	Ứ	uni1EE8
Ǽ	uni1EA4	ẻ	uni1EBB	Ồ	uni1ED2	ú	uni1EE9
ǿ	uni1EA5	Ễ	uni1EBC	ồ	uni1ED3	Ừ	uni1EEA
Ǻ	uni1EA6	ẽ	uni1EBD	Ổ	uni1ED4	ù	uni1EEB
ā	uni1EA7	Ễ	uni1EBE	ổ	uni1ED5	Ử	uni1EEC
Ǻ	uni1EA8	ể	uni1EBF	Ổ	uni1ED6	ử	uni1EED
ǻ	uni1EA9	Ề	uni1EC0	ỗ	uni1ED7	Ữ	uni1EEE
Ǽ	uni1EAA	ề	uni1EC1	Ộ	uni1ED8	ữ	uni1EEF
						Ự	uni1EF0
























































ұ	uni1EF1	”E	uni1F1C	ù	uni1F52	ώ	uni1F7D
Ỳ	Ygrave	ḡ	uni1F20	ű	uni1F54	ǎ	uni1FB0
Ỳ	uni1EF2	ḡ	uni1F22	ű	uni1F56	ā	uni1FB1
ỳ	ygrave	ḡ	uni1F24	ώ	uni1F60	ǎ	uni1FB6
ỳ	uni1EF3	ḡ	uni1F26	ò	uni1F62	Ǻ	uni1FB8
Ỳ	uni1EF4	”H	uni1F28	ώ	uni1F64	Ā	uni1FB9
ȳ	uni1EF5	”H	uni1F2A	ű	uni1F66	À	uni1FBA
Ỳ	uni1EF6	”H	uni1F2C	’Ω	uni1F68	˜	uni1FC0
ȳ	uni1EF7	˜H	uni1F2E	”Ω	uni1F6A	˜	uni1FC1
Ỳ	uni1EF8	ì	uni1F30	”Ω	uni1F6C	ḡ	uni1FC6
ỹ	uni1EF9	ì	uni1F32	˜Ω	uni1F6E	’E	uni1FC8
ǎ	uni1F00	’ì	uni1F34	ǎ	uni1F70	’H	uni1FCA
ǎ	uni1F02	ḡ	uni1F36	ǎ	uni1F71	ǐ	uni1FD0
ǎ	uni1F04	’I	uni1F38	è	uni1F72	ī	uni1FD1
ǎ	uni1F06	”I	uni1F3A	é	uni1F73	ì	uni1FD2
À	uni1F08	”I	uni1F3C	ḡ	uni1F74	í	uni1FD3
”A	uni1F0A	˜I	uni1F3E	ḡ	uni1F75	ī	uni1FD6
”A	uni1F0C	ò	uni1F40	ì	uni1F76	ḡ	uni1FD7
”A	uni1F0E	ò	uni1F42	í	uni1F77	Ĭ	uni1FD8
é	uni1F10	ó	uni1F44	ò	uni1F78	Ī	uni1FD9
è	uni1F12	’O	uni1F48	ó	uni1F79	’I	uni1FDA
é	uni1F14	”O	uni1F4A	ù	uni1F7A	’I	uni1FDB
’E	uni1F18	”O	uni1F4C	ú	uni1F7B	ű	uni1FE0
”E	uni1F1A	ù	uni1F50	ò	uni1F7C	ū	uni1FE1

ù	uni1FE2	uni2003	‘	uni2018	‰	uni2030
ú	uni1FE3	threeperemspace	’	quoteright	<	guilsingleft
ρ	uni1FE4	uni2004	’	uni2019	<	uni2039
ũ	uni1FE6	fourperemspace	‚	quotesinglbase	>	guilsingright
ü	uni1FE7	uni2005	‚	uni201A	>	uni203A
Ÿ	uni1FE8	sixperemspace	‚	quotereversed	!!	exclamdbl
Ȳ	uni1FE9	uni2006	‚	uni201B	!!	uni203C
‘Y	uni1FEA	figurespace	“	quotedblleft	??	question_questi-
’Y	uni1FEB	uni2007	“	uni201C	on ??	uni2047
ˆ	uni1FED	punctuationspace	”	quotedblright	?!	question_exclam
˘	uni1FEF	uni2008	”	uni201D	?!	uni2048
ŵ	uni1FF6	thinspace	„	quotedblbase	!?	exclam_question
ˆO	uni1FF8	uni2009	„	uni201E	!?	uni2049
ˆO	uni1FF9	hairspace	“	quotedblrev	¶	uni204B
ˆΩ	uni1FFA	uni200A	“	uni201F	;	uni204F
ˆΩ	uni1FFB	zerowidthspace	†	dagger	0	zero.superior
˘	uni1FFD	uni200B	†	uni2020	0	uni2070
enquad	—	endash	‡	daggerdbl	i	i.superior
uni2000	—	uni2013	‡	uni2021	i	uni2071
emquad	—	emdash	•	bullet	4	four.superior
uni2001	—	uni2014	•	uni2022	4	uni2074
enspace	—	horizontalbar	...	ellipsis	5	five.superior
uni2002	—	uni2015	...	uni2026	5	uni2075
emspace	‘	quoteleft	‰	perthousand		

6	six.superior	1	uni2081	(	uni208D	N	uni2115
6	uni2076	2	two.inferior	)	parenright.inferior	No	numero
7	seven.superior	2	uni2082	)	uni208E	No	uni2116
7	uni2077	3	three.inferior	₹	uni20A8	Q	uni211A
8	eight.superior	3	uni2083	₫	dong	R	uni211D
8	uni2078	4	four.inferior	₫	uni20AB	SM	uni2120
9	nine.superior	4	uni2084	€	Euro	TM	trademark
9	uni2079	5	five.inferior	€	uni20AC	TM	uni2122
+	plus.superior	5	uni2085	ℳ	uni2100	Z	uni2124
+	uni207A	6	six.inferior	ℳ	uni2101	Ω	uni2126
-	minus.superior	6	uni2086	™	uni2102	Ω	Omegainv
-	uni207B	7	seven.inferior	°C	centigrade	Ω	uni2127
=	equal.superior	7	uni2087	°C	uni2103	i	uni2139
=	uni207C	8	eight.inferior	‰	afii61248	1/3	onethird
(	parenleft.superior	8	uni2088	‰	uni2105	1/3	uni2153
(	uni207D	9	nine.inferior	‰	uni2106	2/3	twothirds
)	parenright.superior	9	uni2089	°F	fahrenheit	2/3	uni2154
)	uni207E	+	plus.inferior	°F	uni2109	1/5	onefifth
n	n.superior	+	uni208A	ℋ	uni210D	1/5	uni2155
n	uni207F	-	minus.inferior	ℏ	uni210E	2/5	twofifths
0	zero.inferior	-	uni208B	ℏ	uni210F	2/5	uni2156
0	uni2080	=	equal.inferior	ℓ	afii61289	3/5	threefifths
1	one.inferior	=	uni208C	ℓ	uni2113	3/5	uni2157
		(	parenleft.inferior			4/5	fourfifths





$\frac{4}{5}$	uni2158	VII	uni2166	V	uni2174	$\rightarrow$	uni2192
$\frac{1}{8}$	oneeighth	VIII	Eightroman	vi	sixroman	$\downarrow$	arrowdown
$\frac{1}{8}$	uni215B	VIII	uni2167	vi	uni2175	$\downarrow$	uni2193
$\frac{3}{8}$	threeeighths	IX	Nineroman	vii	sevenroman	$\leftrightarrow$	arrowboth
$\frac{3}{8}$	uni215C	IX	uni2168	vii	uni2176	$\leftrightarrow$	uni2194
$\frac{5}{8}$	fiveeighths	X	Tenroman	viii	eightroman	$\updownarrow$	arrowupdn
$\frac{5}{8}$	uni215D	X	uni2169	viii	uni2177	$\updownarrow$	uni2195
$\frac{7}{8}$	seveneighths	XI	Elevenroman	ix	nineroman	$\nearrow$	uni2196
$\frac{7}{8}$	uni215E	XI	uni216A	ix	uni2178	$\nearrow$	uni2197
$\frac{1}{}$	onenumerator	XII	Twelveroman	X	tenroman	$\searrow$	uni2198
$\frac{1}{}$	uni215F	XII	uni216B	X	uni2179	$\searrow$	uni2199
I	Oneroman	L	uni216C	xi	elevenroman	$\swarrow$	uni219A
I	uni2160	C	uni216D	xi	uni217A	$\swarrow$	uni219B
II	Tworoman	D	uni216E	xii	twelveroman	$\swarrow$	uni219C
II	uni2161	M	uni216F	xii	uni217B	$\swarrow$	uni219D
III	Threeroman	i	oneroman	l	uni217C	$\swarrow$	uni219E
III	uni2162	i	uni2170	c	uni217D	$\swarrow$	uni219F
IV	Fourroman	ii	tworoman	d	uni217E	$\swarrow$	uni21A0
IV	uni2163	ii	uni2171	m	uni217F	$\swarrow$	uni21A1
V	Fiveroman	iii	threeroman	$\leftarrow$	arrowleft	$\swarrow$	uni21A2
V	uni2164	iii	uni2172	$\leftarrow$	uni2190	$\swarrow$	uni21A3
VI	Sixroman	iv	fourroman	$\uparrow$	arrowup	$\swarrow$	uni21A4
VI	uni2165	iv	uni2173	$\uparrow$	uni2191	$\swarrow$	uni21A5
VII	Sevenroman	V	fiveroman	$\rightarrow$	arrowright	$\swarrow$	uni21A6

	uni21D0	$\prod$	uni220F	$\neq$	uni2260		triagdn
	arrowdblup	$\amalg$	uni2210	$\leq$	lessequal		uni25BC
	uni21D1	$\sum$	summation	$\leq$	uni2264		uni25BD
	arrowdblright	$\sum$	uni2211	$\geq$	greaterequal		uni25C0
	uni21D2	$-$	minus	$\geq$	uni2265		uni25C1
	arrowdbldown	$-$	uni2212	$\ll$	uni226A		bigcircle
	uni21D3	$\mp$	uni2213	$\gg$	uni226B		uni25CB
	arrowdblboth	$/$	uni2215	$\nless$	uni226E		H18533
	uni21D4	$\backslash$	uni2216	$\nless$	uni226F		uni25CF
	uni21D5	$*$	asteriskmath	$\nless$	uni2270		uni25D0
	Nwarrow	$*$	uni2217	$\nless$	uni2271		uni25D1
	uni21D6	$\circ$	uni2218	$\cdot$	dotmath		uni25D2
	Nearrow	$\cdot$	uni2219	$\cdot$	uni22C5		uni25D3
	uni21D7	$\infty$	infinity	$\cdots$	uni22EF		uni25D4
	Searrow	$\infty$	uni221E	$\wedge$	uni2303		uni25D5
	uni21D8	$ $	uni2223		filledbox		uni25D6
	Swarrow	$\dagger$	uni2224		uni25A0		uni25D7
	uni21D9	$\parallel$	uni2225		H22073		uni2605
	emptyset	$\nparallel$	uni2226		uni25A1		uni2669
	uni2205	$:$	uni2236		triagup		musicalnote
	uni2206	$\sim$	similar		uni25B2		uni266A
	gradient	$\sim$	uni223C		uni25B3		musicalnotedbl
	uni2207	$\nless$	uni2241		uni25B6		uni266B
$\prod$	product	$\neq$	notequal		uni25B7	$($	parenleft.sc

(	uniF6AE	ff	f_f	ç	uni0188	ţ	uni01AB
)	parenright.sc	ff	uniFB00	Ð	uni018A	Ț	uni01AC
)	uniF6AF	fi	f_i	Ǿ	uni018B	ț	uni01AD
[	bracketleft.sc	fi	uniFB01	ǿ	uni018C	Ț	uni01AE
[	uniF6B0	fl	f_l	ƒ	uni018D	Ț	uni01B1
]	bracketright.sc	fl	uniFB02	ε	uni0190	Ț	uni01B2
]	uniF6B1	ffi	f_f_i	Ƒ	uni0191	Ț	uni01B3
{	braceleft.sc	ffi	uniFB03	Ɠ	uni0193	Ț	uni01B4
{	uniF6B2	ffl	f_f_l	Ɣ	uni0194	Ț	uni01BA
}	braceright.sc	ffl	uniFB04	ℎ	uni0195	Ț	uni01BB
}	uniF6B3	ft	longs_t	ℓ	uni0196	Ț	uni01BC
!	exclamdown.sc	ft	uniFB05	ℓ	uni0197	Ț	uni01BD
!	uniF6B4	♂	male	ℓ	uni0198	Ț	uni01BE
?	questiondown.sc	♂	uni2642	ℓ	uni0199	Ț	uni01BF
?	uniF6B5	♀	female	ℓ	uni019A	Ț	uni021C
«	guillemotleft.sc	♀	uni2640	λ	uni019B	Ț	uni021D
«	uniF6B6	♂	uni2641	ℓ	uni019C	Ț	uni0224
»	guillemotright.sc	℔	uni0180	ℓ	uni019D	Ț	uni0225
»	uniF6B7	℔	uni0181	ℓ	uni01A2	Ț	diereistonos
<	guilsinglleft.sc	℔	uni0182	ℓ	uni01A3	Ț	uni0385
<	uniF6B8	℔	uni0183	ℓ	uni01A4	Ț	Alphatonos
>	guilsinglright.sc	℔	uni0184	ℓ	uni01A5	Ț	uni0386
>	uniF6B9	℔	uni0185	ℓ	uni01A6	Ț	anoteleia
J	uniF6BE	℔	uni0187	ℓ	uni01AA	Ț	uni0387

ĵ	uni03F3	ȳ	uni04EE	–	hyphennobreak	☼	uni2767
È	uni0400	ÿ	uni04F0	–	uni2011	≡	uniE004
Ě	afii10023	Ÿ	uni04F2	—	figuredash	♀	uni26A2
Ě	uni0401	č	uni04F4	—	uni2012	♂	uni26A3
Ġ	afii10052	č	uni04F5	¥	Yen.fitted	♀	uni26A4
Ġ	uni0403	Ы	uni04F8	¥	uniE01B	≡	uniE005
Љ	afii10058	Ы	uni04F9	а	a.alt	—	uniE006
Љ	uni0409	€	element	а	uniE01D	—	uniE007
Њ	afii10059	€	uni2208	‰	pertenthousand	—	uniE008
Њ	uni040A	€	notelement	‰	uni2031	st	s_t
Ћ	afii10060	€	uni2209	'	minute	st	uniFB06
Ћ	uni040B	€	uni220A	'	uni2032	h	h.superior
Ў	afii10145	√	radical	”	second	h	uni02B0
Ў	uni040F	√	uni221A	”	uni2033	j	j.superior
Ж	uni04DC	†	uni2214	0	perthousandzero	j	uni02B2
Ж	uni04DD	;	uni037E	0	uniE01F	r	r.superior
Э	uni04DE	'	uni0374	O	zero.oldstyle	r	uni02B3
Э	uni04DF	,	uni0375	O	uniE020	И	rturned.superior
Й	uni04E2	Έ	Epsilontonos	1	one.oldstyle	И	uni02B4
Й	uni04E3	Έ	uni0388	1	uniE021	w	w.superior
Й	uni04E4	Η	Etatonos	☼	uni2619	w	uni02B7
Й	uni04E5	Η	uni0389	☼	uniE001	y	y.superior
Э	uni04EC	–	hyphentwo	☼	uniE002	y	uni02B8
Э	uni04ED	–	uni2010	☼	uniE003	'	uni02B9

”	uni02BA	”	uni030E	..	uni0324	1	one.fitted
€	afii64937	˘	brevecomb	◦	uni0325	1	uniE011
€	uni02BD	˘	uni0306	˘	uni0328	2	two.fitted
Ɔ	uni02BE	—	macroncomb	ı	uni0329	2	uniE012
Ɔ	uni02BF	—	uni0304	ı	uni032A	3	three.fitted
Ɔ	uni02D2	—	uni0305	ω	uni032B	3	uniE013
Ɔ	uni02D3	˘	uni0310	˘	uni032E	4	four.fitted
⊥	uni02D4	˘	uni0311	˘	uni032F	4	uniE014
τ	uni02D5	˘	uni0316	€	afii10101	5	five.fitted
+	uni02D6	˘	uni0317	€	uni0454	5	uniE015
—	uni02D7	ı	uni031A	Ѐ	afii10193	6	six.fitted
˘	uni02DE	˘	uni0312	Ѐ	uni045F	6	uniE016
×	uni02DF	˘	uni0313	ħ	afii10099	8	eight.fitted
γ	gammalatin.supe-	˘	uni0314	ħ	uni0452	8	uniE018
rior	γ	˘	uni0315	Ђ	afii10106	2	two.oldstyle
	uni02E0			Ђ	uni0459	2	uniE022
Ɔ	glottalstoprever-	ı	uni0318	Ѓ	afii10107	3	three.oldstyle
sed.superior	Ɔ	ı	uni0319	Ѓ	uni045A	3	uniE023
	uni02E4	⊥	uni031D	ħ	afii10108		uniE040
√	uni02EC	τ	uni031E	ħ	uni045B		uniE041
=	uni02ED	+	uni031F	Ƨ	afii10051	©	creativecommons
”	uni02EE	˘	uni031C	Ƨ	uni0402	©	uniE00E
◦	uni030A	—	uni0320	€	afii10053	¢	uni0255
”	uni030B	ı	uni0321	€	uni0404	6	uni0253
ı	uni030D	˘	uni0322				


đ	uni0256	˜	uni1FDF	ı	uni1F31	ŵ	uni1F65
ď	uni0257	’E	uni1FC9	ì	uni1F33	ŵ	uni1F67
ƶ	uni0293	’H	uni1FCB	ĩ	uni1F35	’Ω	uni1F69
’a	uni1E9A	Hı	uni1FCC	ĩ	uni1F37	’’Ω	uni1F6B
ǎ	uni1F01	Ṗ	uni1FE5	’I	uni1F39	’’Ω	uni1F6D
ǎ	uni1F03	’P	uni1FEC	’I	uni1F3B	˜Ω	uni1F6F
ǎ	uni1F05	˙	uni1FEE	’I	uni1F3D	ǎ	uni1F80
ǎ	uni1F07	Ẁ	uni1FF2	˜I	uni1F3F	ǎ	uni1F81
’A	uni1F09	ẁ	uni1FF3	ó	uni1F41	ǎ	uni1F82
’A	uni1F0B	ẃ	uni1FF4	ò	uni1F43	ǎ	uni1F83
’A	uni1F0D	ẃ	uni1FF7	ó	uni1F45	ǎ	uni1F84
’A	uni1F0F	Ωı	uni1FFC	’O	uni1F49	ǎ	uni1F85
é	uni1F11	é	uni1F15	’’O	uni1F4B	ǎ	uni1F86
è	uni1F13	’E	uni1F19	’’O	uni1F4D	ǎ	uni1F87
’	uni1FBF	’E	uni1F1B	ı	uni1F51	’Aı	uni1F88
’	uni1FCD	’E	uni1F1D	ı	uni1F53	’Aı	uni1F89
ı	uni037A	ḡ	uni1F21	ı	uni1F55	’’Aı	uni1F8A
ǎ	uni1FB2	ḡ	uni1F23	ı	uni1F57	’Aı	uni1F8B
ǎ	uni1FB3	ḡ	uni1F25	’Y	uni1F59	’Aı	uni1F8C
ǎ	uni1FB4	ḡ	uni1F27	’’Y	uni1F5B	’Aı	uni1F8D
’’	uni1FCE	’H	uni1F29	’’Y	uni1F5D	˜Aı	uni1F8E
˜	uni1FCF	’’H	uni1F2B	˜Y	uni1F5F	˜Aı	uni1F8F
’’	uni1FDD	’’H	uni1F2D	ŵ	uni1F61	ḡ	uni1F90
’’	uni1FDE	˜H	uni1F2F	Ẁ	uni1F63	ḡ	uni1F91

ḡ	uni1F92	”Ω	uni1FAA	“	uni2036	Ɔ	glottalstoprever-
ḡ	uni1F93	“Ω	uni1FAB	”	uni2037	sed Ɔ	uni0295
ḡ	uni1F94	”Ω	uni1FAC	►	trianglebullet	⊙	uni0298
ḡ	uni1F95	“Ω	uni1FAD	►	uni2023	Ʋ	uni028B
ḡ	uni1F96	˜Ω	uni1FAE	,	uni0343	N	uni0274
ḡ	uni1F97	˜Ω	uni1FAF	.	onedotenleader	R	Rsmallcap
’H	uni1F98	’A	uni1FBB	.	uni2024	R	uni0280
’H	uni1F99	˜α	uni1FB7	..	twodotenleader	B	Rsmallinverted
”H	uni1F9A	ḡ	uni1FC2	..	uni2025	B	uni0281
“H	uni1F9B	ḡ	uni1FC3	.	hyphendot	Y	gammalatin
”H	uni1F9C	ḡ	uni1FC4	.	uni2027	Y	uni0263
”H	uni1F9D	ḡ	uni1FC7	※	uni203B	ı	uni0268
˜H	uni1F9E	A	uni1FBC		uni2016	Ω	uni0277
˜H	uni1F9F	ı	uni1FBE	Ä	Adieresis.alt	Œ	uni0276
Ṙ	uni1FA0	1/6	onesixth	Ä	uniE02C	Θ	uni0275
Ṙ	uni1FA1	1/6	uni2159	Ö	Odieresis.alt	Ɖ	uni029A
Ṙ	uni1FA2	5/6	fivesixths	Ö	uniE02D	Ǝ	uni025E
Ṙ	uni1FA3	5/6	uni215A	Ü	Udieresis.alt	L	uni029F
Ṙ	uni1FA4	3/√	uni221B	Ü	uniE02E	ƒ	uni027E
Ṙ	uni1FA5	4/√	uni221C	u	uni0289	ɹ	uni027F
Ṙ	uni1FA6	”	primetripel	Ʊ	uni028A	J	rhoorturned
Ṙ	uni1FA7	”	uni2034	B	uni0299	J	uni027B
’Ω	uni1FA8	、	primereversed	H	uni029C	ƚ	uni027D
’Ω	uni1FA9	、	uni2035	Y	uni0264		












































































ƒ	uni025F	ƒ	uni02A2	/	uni0338	≈	uni2248
G	uni0262	ø	uni025A	<	uni02C2	≐	uni2259
g	uni0261	l	uni0269	>	uni02C3	♪	uni266C
h	hhook	∫	uni0286	∨	uni02C5	⊞	uni2180
h̃	uni0266	℄	uni0297	ℓ	uni02C1	⊕	uni2182
ĥ	hhook.superior	Ẃ	uni02AC	ə	uni03F6	Đ	uni2181
h̃	uni02B1	dz	uni02A3	Ϛ	uni03DA	↻	uni2183
ſ	uni0282	đ	uni02A4	ϛ	uni03DB	η	uni0220
z	uni0290	dẓ	uni02A5	F	uni03DC	đ	uni0221
f	uni0284	lz	uni02AB	ƒ	uni03DD	ḷ	uni0234
g̃	uni0260	?	uni02C0	℥	uni03DE	ŋ	uni0235
h̄	uni0267	q̣	uni02A0	℥	uni03DF	ṭ	uni0236
l	uni026D	tc̣	uni02A8	፳	uni03E0	Ј	dotlessj
℄	uni029B	ls	uni02AA	፳	uni03E1	Ј	uni0237
ẓ	uni0291	fṇ	uni02A9	ə	suchthat	ḏ	uni0238
ł	uni026B	□	uni02AD	ə	uni220B	ℳ	uni023A
ł̣	uni026C	ts	uni02A6	Ð	uni220C	ϣ	uni0239
ł̂	uni026E	tf̣	uni02A7	ə	uni220D	℄	uni023C
ž	uni025D	·	uni0358	^	asciicircum	℄	uni023B
?	uni0294	∞	uni035A	^	uni005E	Ł	uni023D
Ѕ	uni0296	*	uni0359	’	uni02CA	ℳ	uni023E
ṭ	uni0288	~	uni0330	`	uni02CB	§	uni023F
j̣	uni029D	_	uni0331	≠	uni2249	?	uni0241
ž	uni02A1	~	uni0342	≈	approxequal	a	a.inferior



































































































a	uni2090	K	uni2C69	⑩	uni2469	Ⓝ	uni24C3
e	e.inferior	k	uni2C6A	⑪	uni246A	Ⓞ	uni24C4
e	uni2091	Z	uni2C6B	⑫	uni246B	Ⓟ	uni24C5
o	o.inferior	z	uni2C6C	⑬	uni246C	Ⓠ	uni24C6
o	uni2092	⓪	uni2C77	⑭	uni246D	Ⓡ	uni24C7
x	x.inferior	Ɔ	uni2C75	⑮	uni246E	Ⓢ	uni24C8
x	uni2093	Ɔ	uni2C76	⑯	uni246F	Ⓣ	uni24C9
ə	uni2094	Ⅎ	uni2C74	⑰	uni2470	Ⓤ	uni24CA
⚡	uni035B	7	uniA720	⑱	uni2471	Ⓥ	uni24CB
)	uni035C	⌋	uni037B	⑲	uni2472	Ⓦ	uni24CC
)	uni035D	Ⓒ	uni037C	⑳	uni2473	Ⓧ	uni24CD
—	uni035E	Ⓣ	uni037D	Ⓐ	uni24B6	Ⓨ	uni24CE
—	uni035F	⌋	uni03FD	Ⓑ	uni24B7	Ⓩ	uni24CF
⌋	uni2184	Ⓒ	uni03FE	Ⓒ	uni24B8	ⓐ	uni24D0
ϕ	uni0278	Ⓣ	uni03FF	Ⓓ	uni24B9	ⓑ	uni24D1
ℒ	uni2C60	①	uni2460	Ⓔ	uni24BA	ⓒ	uni24D2
ℒ	uni2C62	②	uni2461	Ⓕ	uni24BB	ⓓ	uni24D3
ℓ	uni2C61	③	uni2462	Ⓖ	uni24BC	ⓔ	uni24D4
ℙ	uni2C63	④	uni2463	Ⓗ	uni24BD	ⓕ	uni24D5
℞	uni2C64	⑤	uni2464	Ⓘ	uni24BE	ⓖ	uni24D6
ⱥ	uni2C65	⑥	uni2465	Ⓢ	uni24BF	ⓗ	uni24D7
ℵ	uni2C66	⑦	uni2466	Ⓚ	uni24C0	Ⓢ	uni24D8
ℋ	uni2C67	⑧	uni2467	Ⓛ	uni24C1	Ⓣ	uni24D9
ℎ	uni2C68	⑨	uni2468	Ⓜ	uni24C2	Ⓚ	uni24DA

①	uni24DB	◇	uni25CA	ch	uniE03B	A	a.sc
Ⓜ	uni24DC	◆	uni25C6	~	uni0360	A	uniE051
Ⓝ	uni24DD	◇	uni25C7	⤿	uni0361	B	b.sc
Ⓞ	uni24DE	fb	f_b	→	uni0362	B	uniE052
Ⓟ	uni24DF	fb	uniE030	L <sub>t</sub>	uniE009	C	c.sc
Ⓠ	uni24E0	ffh	f_f_h	∅	zero.slashfitted	C	uniE053
Ⓡ	uni24E1	ffh	uniE032	∅	uniE00F	D	d.sc
Ⓢ	uni24E2	ffj	f_f_j	Qu	Q_u	D	uniE054
Ⓣ	uni24E3	ffj	uniE033	Qu	uniE048	E	e.sc
Ⓤ	uni24E4	ffk	f_f_k	Th	T_h	E	uniE055
Ⓥ	uni24E5	ffk	uniE034	Th	uniE049	F	f.sc
Ⓦ	uni24E6	fft	f_f_t		uniE042	F	uniE056
Ⓧ	uni24E7	fft	uniE035	0	zero.fitted	G	g.sc
Ⓨ	uni24E8	fh	f_h	0	uniE010	G	uniE057
Ⓩ	uni24E9	fh	uniE036	;	semicolon	H	h.sc
ⓐ	uni24EA	fj	f_j	;	uni003B	H	uniE058
ℳ	afii10146	fj	uniE037	7	seven.fitted	I	i.sc
ℳ	uni0462	fk	f_k	7	uniE017	I	uniE059
ℴ	afii10194	fk	uniE038	9	nine.fitted	J	j.sc
ℴ	uni0463	ft	f_t	9	uniE019	J	uniE05A
e	estimated	ft	uniE039	€	Euro.fitted	L	l.sc
e	uni212E	ck	c_k	€	uniE01A	L	uniE05C
⊙	uni25C9	ck	uniE03A	K	k.sc	M	m.sc
◇	lozenge	ch	c_h	K	uniE05B	M	uniE05D



N	n.sc	Z	z.sc	Ë	edieresis.sc	Œ	oe.sc
N	uniE05E	Z	uniE06A	Ë	uniE07B	Œ	uniE087
O	o.sc	À	agrave.sc	Ì	igrave.sc	Ø	oslash.sc
O	uniE05F	À	uniE070	Ì	uniE07C	Ø	uniE088
P	p.sc	Á	aacute.sc	Í	iacute.sc	Ù	ugrave.sc
P	uniE060	Á	uniE071	Í	uniE07D	Ù	uniE089
Q	q.sc	Â	acircumflex.sc	Î	icircumflex.sc	Ú	uacute.sc
Q	uniE061	Â	uniE072	Î	uniE07E	Ú	uniE08A
R	r.sc	Ã	atilde.sc	Ï	idieresis.sc	Û	ucircumflex.sc
R	uniE062	Ã	uniE073	Ï	uniE07F	Û	uniE08B
S	s.sc	Ä	adieresis.sc	Ð	eth.sc	Ü	udieresis.sc
S	uniE063	Ä	uniE074	Ð	uniE080	Ü	uniE08C
T	t.sc	Å	aring.sc	Ñ	ntilde.sc	Ý	yacute.sc
T	uniE064	Å	uniE075	Ñ	uniE081	Ý	uniE08D
U	u.sc	Æ	ae.sc	Ò	ograve.sc	Þ	thorn.sc
U	uniE065	Æ	uniE076	Ò	uniE082	Þ	uniE08E
V	v.sc	Ç	cedilla.sc	Ó	oacute.sc	ÿ	ydieresis.sc
V	uniE066	Ç	uniE077	Ó	uniE083	ÿ	uniE08F
W	w.sc	È	egrave.sc	Ô	ocircumflex.sc	IJ	ij.sc
W	uniE067	È	uniE078	Ô	uniE084	IJ	uniE090
X	x.sc	É	eacute.sc	Õ	otilde.sc	SS	germandbls.scalt
X	uniE068	É	uniE079	Õ	uniE085	SS	uniE091
Y	y.sc	Ê	ecircumflex.sc	Ö	odieresis.sc	-	hyphen.sc
Y	uniE069	Ê	uniE07A	Ö	uniE086	-	uniE06D

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	uniE050	(20)	uni2487		uni203D		uniE045
	uni032D		uni24EB		partialdiff		afii10147
	uni032C		uni24EC		uni2202		uni0472
	uni02AE		uni24ED		equivalence		afii10195
	uni02AF		uni24EE		uni2261		uni0473
(1)	uni2474		uni24EF		uni2262		afii10148
(2)	uni2475		uni24F0		integral		uni0474
(3)	uni2476		uni24F1		uni222B		afii10196
(4)	uni2477		uni24F2		uni2776		uni0475
(5)	uni2478		uni24F3		uni2777		afii10050
(6)	uni2479		uni24F4		uni2778		uni0490
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(9)	uni247C		uni24F7		uni277B		uni2648
(10)	uni247D		uni24F8		uni277C		uni2649
(11)	uni247E		uni24F9		uni277D		uni264A
(12)	uni247F		uni24FA		uni277E		uni264B
(13)	uni2480		uni24FB		uni277F		uni264C
(14)	uni2481		uni24FC		fraction		uni264D
(15)	uni2482		uni24FD		uni2044		uni264E
(16)	uni2483		uni24FE		uni202F		uni264F
(17)	uni2484		uni24FF		ae.alt		uni2650
(18)	uni2485		uni25CE		uniE046		uni2651

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	uni2653		uni04AF		uni049B		uni05B6
	uni262F		uni04BB		uni049C		afii57798
	uni2695		uni04BA		uni049D		uni05B7
	uni2698		uni02CD		uni04A2		afii57797
	uni263F		uni02CE		uni04A3		uni05B8
	uni2643		uni02CF		uni04B0		afii57806
	uni2644		rhookturned.su-		uni04B1		uni05B9
	uni2645		perior		uni04B3		afii57796
	uni2646		uni02B5		uni04B2		uni05BB
	uni2647		Rsmallinver-		uni04B8		afii57807
	uni263E		ted.superior		uni04B9		uni05BC
	uni261B		uni02B6		afii57799		afii57839
	uni261E		l		uni05B0		uni05BD
	uni263C		s		afii57801		afii57645
	uni263D		uni0073		uni05B1		uni05BE
	uni1FFE		x		afii57800		afii57841
	underscoredbl		uni0078		uni05B2		uni05BF
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	uni04C1		uni03D9		uni05B3		uni05C0
	uni04C2		uni0476		afii57793		afii57804
	uni04F6		uni0477		uni05B4		uni05C1
	uni04F7		uni0496		afii57794		afii57803
	uni0492		uni0497		uni05B5		uni05C2

✧	afii57658	כ	afii57675	ק	afii57687	𐤓	uni04A7
✧	uni05C3	כ	uni05DB	ק	uni05E7	𐤓	uni04A6
א	afii57664	ל	afii57676	ר	afii57688	ז	uni0498
א	uni05D0	ל	uni05DC	ר	uni05E8	ז	uni0499
ב	afii57665	ם	afii57677	ש	afii57689	כ	uni049E
ב	uni05D1	ם	uni05DD	ש	uni05E9	כ	uni049F
ג	afii57666	מ	afii57678	ת	afii57690	ח	uni04A5
ג	uni05D2	מ	uni05DE	ת	uni05EA	ח	uni04A4
ד	afii57667	ן	afii57679	ו	afii57716	צ	uni04B4
ד	uni05D3	ן	uni05DF	ו	uni05F0	צ	uni04B5
ה	afii57668	נ	afii57680	י	afii57717	כ	uni04A0
ה	uni05D4	נ	uni05E0	י	uni05F1	כ	uni04A1
ו	afii57669	ס	afii57681	י	afii57718	ס	uni04AA
ו	uni05D5	ס	uni05E1	י	uni05F2	ס	uni04AB
ז	afii57670	ע	afii57682	'	uni05F3	ט	uni04AC
ז	uni05D6	ע	uni05E2	"	uni05F4	ט	uni04AD
ח	afii57671	ף	afii57683	.	uni05BA	ץ	uni04B6
ח	uni05D7	ף	uni05E3	𐤀	uni05C6	ץ	uni04B7
ט	afii57672	פ	afii57684	א	aleph	ע	uni04BC
ט	uni05D8	פ	uni05E4	א	uni2135	ע	uni04BD
י	afii57673	ץ	afii57685	ב	uni0495	ע	uni04BE
י	uni05D9	ץ	uni05E5	ב	uni0494	ע	uni04BF
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




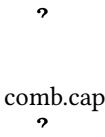











































$\mathbb{H}$	uni04C9	$\supset$	propersuperset	$\clubsuit$	uni2663	$\mathfrak{n}$	uni2099
$\mathbb{H}$	uni04CA	$\supset$	uni2283	$\blacklozenge$	uni2666	$\text{'}^{\circ}$	uni1FBD
$\mathcal{U}$	uni04CC	$\not\subset$	notsubset	$\heartsuit$	uni2665	$\mathring{A}$	abreve.sc
$\mathcal{U}$	uni04CB	$\not\subset$	uni2284	$\spadesuit$	uni2660	$\mathring{A}$	uniE098
$\mathbb{Q}$	uni04A8	$\not\supset$	uni2285	$\mathbb{F}$	franc	$\mathring{A}$	aogonek.sc
$\mathbb{Q}$	uni04A9	$\oplus$	circleplus	$\mathbb{F}$	uni20A3	$\mathring{A}$	uniE099
$\text{—}$	uni203E	$\oplus$	uni2295	$\pounds$	lira	$\acute{C}$	cacute.sc
$\daleth$	uni204A	$\ominus$	uni2296	$\pounds$	uni20A4	$\acute{C}$	uniE09A
$\updownarrow$	arrowupdnbse	$\otimes$	circlemultiply	$\text{Pts}$	peseta	$\check{C}$	ccaron.sc
$\updownarrow$	uni21A8	$\otimes$	uni2297	$\text{Pts}$	uni20A7	$\check{C}$	uniE09B
$\forall$	universal	$\oslash$	uni2298	$\mathcal{D}\rho$	uni20AF	$\mathring{D}$	dcaron.sc
$\exists$	existential	$\lozenge$	uni2302	$\mathbb{G}$	uni20A2	$\mathring{D}$	uniE09C
$\exists$	uni2203	$\lrcorner$	uni2310	$\mathbb{P}$	peso	$\mathring{E}$	eogonek.sc
$\mathbb{Z}$	uni2204	$\int$	integraltop	$\mathbb{P}$	uni20B1	$\mathring{E}$	uniE09D
$\mathbb{L}$	uni221F	$\int$	uni2320	$\cong$	congruent	$\mathring{E}$	ecaron.sc
$\wedge$	logicaland	$\int$	integralbottom	$\cong$	uni2245	$\mathring{E}$	uniE09E
$\wedge$	uni2227	$\int$	uni2321	$**$	uni2042	$\mathring{G}$	gbreve.sc
$\vee$	logicalor	$\lessgtr$	uni2329	$\mathfrak{b}$	uni03F8	$\mathring{G}$	uniE09F
$\vee$	uni2228	$\gtrless$	uni232A	$\mathfrak{M}$	uni03FB	$\acute{L}$	lacute.sc
$\cap$	intersection	$\mathbb{P}$	uni2627	$\cong$	uni23D3	$\acute{L}$	uniE0A0
$\cap$	uni2229	$\text{☺}$	uni2639	$\mathbb{B}$	uni0243	$\mathbb{L}$	lslash.sc
$\cup$	union	$\text{☺}$	uni263A	$\mathbb{X}$	afii10087	$\mathbb{L}$	uniE0A1
$\subset$	propersubset	$\text{☺}$	uni263B	$\mathbb{X}$	uni0445	$\acute{N}$	nacute.sc
$\subset$	uni2282			$\mathfrak{m}$	uni2098	$\acute{N}$	uniE0A2

Ň	ncaron.sc	Ž	zacute.sc	𐌚	uni2136	Œ	germandbls.ss03
ň	uniE0A3	ž	uniE0AF	𐌛	uni2137	Œ	uniE04D
Ŋ	eng.sc	Ẑ	zdotaccent.sc	𐌜	uni2138	4	four.oldstyle
Ŋ	uniE0A4	ẑ	uniE0B0	Ŧ	uni210C	4	uniE024
Ő	ohungarumlaut.sc	Ž	zcaron.sc	q	q.superior	5	five.oldstyle
ő	uniE0A5	ž	uniE0B1	q	uniE0D0	5	uniE025
Ŕ	racute.sc	Ł	lcaron.sc	H	H	6	six.oldstyle
Ŗ	uniE0A6	Ł	uniE0B2	H	uni0048	6	uniE026
Ř	rcaron.sc	Đ	dcroat.sc	Ø	zero.slash	7	seven.oldstyle
ř	uniE0A7	Đ	uniE097	Ø	uniF638	7	uniE027
Ś	sacute.sc	Ť	tcaron.sc	ß	germandbls.sc	8	eight.oldstyle
ś	uniE0A8	ť	uniE0B3	ß	uniE092	8	uniE028
Ş	scedilla.sc	8	eight	ṭ	t_z	9	nine.oldstyle
ş	uniE0A9	8	uni0038	ṭ	uniE04A	9	uniE029
Š	scaron.sc	❓	uniFFFD	À	a.scalt	Я	uniE0E8
š	uniE0AA	Ł	uniA721	À	uniE0BE		Tux
Ț	tcedilla.sc	ß	Germandbls	ƒh	longs_h		uniE000
Ț	uniE0AB	ß	uni1E9E	ƒh	uniE047	W	uniE0E9
Ȧ	tbar.sc	Ĉ	uni2201		metric	V	V.alt
Ȧ	uniE0AC	Š	Ifraktur		uniE420	V	uniE0EA
Ů	uring.sc	Š	uni2111	○	kreis	K	K.alt
ů	uniE0AD	ℛ	Rfraktur	○	uniE100	K	uniE0EB
Ű	uhungarumlaut.sc	ℛ	uni211C	ß	germandbls.alt	R	R.alt
ű	uniE0AE	ℙ	uni2119	ß	uniE04C	R	uniE0EC





“	uniE0F9	6	six.taboldstyle	-	uniF6BA	m	uniE154
”	uniE0FB	6	uniE11E	└	uni237D	n	n.inferior
tt	t_t	7	seven.taboldstyle	○	uniE101	n	uniE155
tt	uniE03C	7	uniE11F	b	b.inferior	p	p.inferior
ct	c_t	8	eight.taboldstyle	b	uniE149	p	uniE157
ct	uniE03D	8	uniE120	c	c.inferior	q	q.inferior
h	h.alt	9	nine.taboldstyle	c	uniE14A	q	uniE158
h	uniE04B	9	uniE121	d	d.inferior	r	r.inferior
t3	uniE04F	♀	uni26A5	d	uniE14B	r	uniE159
[[	uni27E6	📄	uniE104	f	f.inferior	s	s.inferior
]]	uni27E7	📄	uniE105	f	uniE14D	s	uniE15A
Liber tine	uniE00A	📄	uniE106	g	g.inferior	t	t.inferior
0	zero.taboldstyle	📄	uniE107	g	uniE14E	t	uniE15B
0	uniE118	SS	Germandbls.alt	h	h.inferior	u	u.inferior
1	one.taboldstyle	SS	uniE04E	h	uniE14F	u	uniE15C
1	uniE119	○	uniE00B	i	i.inferior	v	v.inferior
2	two.taboldstyle	⊠	uni2326	i	uniE150	v	uniE15D
2	uniE11A	⊠	uni232B	j	j.inferior	w	w.inferior
3	three.taboldstyle	⊠	uni2327	j	uniE151	w	uniE15E
3	uniE11B	♾	uni2380	k	k.inferior	y	y.inferior
4	four.taboldstyle	∞	proportional	k	uniE152	y	uniE160
4	uniE11C	∞	uni221D	l	l.inferior	z	z.inferior
5	five.taboldstyle	└	uni2423	l	uniE153	z	uniE161
5	uniE11D	-	hyphen.cap	m	m.inferior	≈	uni2E17

W	w.alt	᷀	uni047D	◻	uniE129	y	uniE0F6
W	uniE0F1	᷁	uni047E	◻	uniE12A	⋈	married
W	uniE0F2	᷂	uni047F	f	uni1E9C	⋈	uni26AD
	uniE06B	᷃	J.alt	f	uni1E9D	ℓℓ	uni214F
Œ	uni0464	᷄	uniE0ED	δ	uni1E9F	⊥	perpendicular
Œ	uni0465	γ	uniE0EE	Π	uni1EFA	⊥	uni22A5
⌘	uni0466	fi	longs_i	⌘	uni1EFB	⊥	uni22A6
⌘	uni0467	fi	uniE03E	ᶒ	uni1EFD	⊥	uni22A4
⌘	uni0468	ff	longs_long	ᶒ	uni1EFC	⊥	uni22A2
⌘	uni0469	ff	uniE03F	y	uni1EFF	⊥	uni22A3
⌘	uni046A	ffi	longs_long	Y	uni1EFE	⊥	uni27C2
⌘	uni046B	ffi	uniE044	ṽ	tcommaaccent.sc	✕	uni2718
ṽ	uni048C	fl	longs_l	ṽ	uniE0B4	✓	uni2714
ṽ	uni048D	fl	uniE043	ṽ	scommaaccent.sc	ṽ	uniA765
ṽ	uni048E	γ	uniE0EF	ṽ	uniE0B5	○	uni26AC
ṽ	uni048F	γ	uniE0F3	ı	idotaccent.sc	∞	divorced
⌘	uni046C	γ	uniE0F4	ı	uniE0B6	∞	uni26AE
⌘	uni046D	○	openbullet	γ	uniE0F5	○	uni26AF
᷀	uni0460	○	uni25E6	-	uniE130	∫	uni222C
᷂	uni0461	⋮	uni22EE	∅	uni2300	∫	uni222D
ṽ	uni046E	ˆ	uni0357	℘	ampersand.sc	℘	uni222E
ṽ	uni046F	ˆ	uni0351	℘	uniE0BD	∠	angle
˜	uni0483	→	uni21A6	W	uniE0F0	∠	uni2220
᷀	uni047C	◻	uniE128	y	y.alt	⋈	uni2221

	uni2222		uniE361		uni1D15		uni0355
	uni22B6		dieresis.cap		uni033A		uni0353
	uni22B7		uniE362		uni033C		uni0352
	uni2609		hookabove-comb.cap		uni0339		uni0350
	grave.cap		uniE363		uni0332		uni034C
	uniE358		dotaccent.cap		uni0333		uni034D
	acute.cap		uniE364		uni0334		uni034E
	uniE359		uni033B		uni0335		uni0356
	circumflex.cap		f.short		uni0336		uni0363
	uniE35A		uniE0E0		uni0337		uni0366
	caron.cap		f_f.short		uni033D		uni0367
	uniE35B		uniE0E1		uni033E		uni0368
	breve.cap		Q_u Q_u.sc		uni033F		uni0369
	uniE35C		uniE093		uni0340		uni036B
	hungarumlaut.cap		uni2E02		uni0341		uni036D
	uniE35D		uni2E03		uni0344		uni036E
	space_uni030F.cap		uni2E04		uni0345		uni036C
	uniE35E		uni2E05		uni0346		uni036A
	breveinvertedcmb.cap		uni2E09		uni0347		uni0365
	uniE35F		uni2E0A		uni0348		uni036F
	breve.cyr.cap		uni2E08		uni034A		uni02E5
	uniE360		uni2E18		uni034B		uni02E6
	breve.cyr		uni0364		uni0349		uni02E7
					uni0354		uni02E8

┐	uni02E9	1	one.cap	†	uni271D	ɔ	cturned.superior
└	uni02EA	1	uniE109	#	uni266F	ɔ	uni1D53
┐	uni02EB	2	two.cap	‡	uni266E		uni1D54
^	uni02F0	2	uniE10A	ḃ	uni266D	p	p.superior
<	uni02F1	3	three.cap	W	W.alt	p	uni1D56
>	uni02F2	3	uniE10B	W	uniE02F	t	t.superior
o	uni02F3	4	four.cap	a	a.superior	t	uni1D57
“	uni02F5	4	uniE10C	a	uni1D43	u	u.superior
`	uni02F4	5	five.cap	d	d.superior	u	uni1D58
”	uni02F6	5	uniE10D	d	uni1D48	u	mturned.superior
~	uni02F7	6	six.cap	e	e.superior	u	uni1D5A
:	uni02F8	6	uniE10E	e	uni1D49	v	v.superior
┐	uni02FD	7	seven.cap	ə	eturned.superior	v	uni1D5B
└	uni02FE	7	uniE10F	ə	uni1D4A		uni1D5D
←	uni02FF	8	eight.cap	g	g.superior		uni1D5E
ᵀ	uni02FA	8	uniE110	g	uni1D4D		uni1D5F
ᵀ	uni02F9	9	nine.cap	ı̇	iturned.superior	b	b.superior
└	uni02FB	9	uniE111	ı̇	uni1D4E	b	uni1D47
┐	uni02FC	!	uniA71D	k	k.superior	ɐ	aturned.superior
ᵀ	uni02EF	©	copyleft	k	uni1D4F	ɐ	uni1D44
y	uniE01C	©	uniE00C	m	m.superior	c	c.superior
n	uniE01E	©	publicdomain	m	uni1D50	c	uni1D9C
0	zero.cap	©	uniE00D	o	o.superior	f	f.superior
0	uniE108	†	died	o	uni1D52	f	uni1DA0

z	z.superior	ƒ	uni024D	}	uni23A8	´	acutecomb.sups
z	uni1DBB	Y	uni024E	ƣ	uni23A7	´	uniE0DC
A	A.alt	y	uni024F	ℓ	uni23A9	^	circumflex-
A	uniE0F7	z	uni0240	l	uni23AA	comb.sups	
Ä	uniE0E2	q	uni024B	ƚ	uni239B	^	uniE0DD
Á	uniE0E3	Q	uni024A	ℓ	uni239D	~	tildecomb.sups
Â	uniE0E4	QU	q.sc_u.sc	)	uni239E	~	uniE0DE
Ã	uniE0E5	QU	uniE094	J	uni23A0	-	macroncomb.sups
Ä	uniE0E6		leaf		uni239C	-	uniE0DF
A	uniE0E7		uniE138		uni239F	r	uniE02A
?	uni0242	l	integralextension	HA	uniA656	p	uni209A
U	uni0244	l	uni23AE	ha	uniA657	⊕	uniE188
Λ	uni0245	ƚ	uni23A1	♂	uni26A7	⊖	uniE189
E	uni0246	l	uni23A3	♂	uni26A6	k	uni2096
€	uni0247	l	uni23A2	δ	afii10066.ital	l	uni2097
J	uni0248	l	uni23A4	δ	uniF6C5	h	uni2095
j	uni0249	l	uni23A5	´	gravecomb.sups	s	uni209B
R	uni024C	l	uni23A6	´	uniE0DB	t	uni209C

## 15.2 Biolinum

!	exclam	2	uni0032	@	at	ô	uni00F4
!	uni0021	3	three	@	uni0040	õ	otilde
”	quotedbl	3	uni0033	A	A	õ	uni00F5
”	uni0022	4	four	A	uni0041	ö	odieresis
#	numbersign	4	uni0034	B	B	ö	uni00F6
#	uni0023	5	five	B	uni0042	÷	divide
\$	dollar	5	uni0035	C	C	÷	uni00F7
\$	uni0024	6	six	C	uni0043	ù	ugrave
%	percent	6	uni0036	D	D	ù	uni00F9
%	uni0025	7	seven	D	uni0044	ú	uacute
(	parenleft	7	uni0037	E	E	ú	uni00FA
(	uni0028	9	nine	E	uni0045	û	ucircumflex
)	parenright	9	uni0039	F	F	û	uni00FB
)	uni0029	:	colon	F	uni0046	ě	ebreve
*	asterisk	:	uni003A	G	G	ě	uni0115
*	uni002A	<	less	G	uni0047	Ě	Edotaccent
+	plus	<	uni003C	‘	grave	Ě	uni0116
+	uni002B	=	equal	‘	uni0060	è	edotaccent
/	slash	=	uni003D	ò	ograve	è	uni0117
/	uni002F	>	greater	ò	uni00F2	Ę	Eogonek
1	one	>	uni003E	ó	oacute	Ę	uni0118
1	uni0031	?	question	ó	uni00F3	ę	eogonek
2	two	?	uni003F	ô	ocircumflex	ę	uni0119

Ě	Ecaron	Ĥ	Hbar	Ķ	afii10061	Т	uni0422
Ě	uni011A	Ĥ	uni0126	Ķ	uni040C	У	afii10037
ě	ecaron	ĥ	hbar	Й	uni040D	У	uni0423
ě	uni011B	ĥ	uni0127	Ў	afii10062	Х	afii10039
Ĉ	Gcircumflex	ĩ	Itilde	Ў	uni040E	Х	uni0425
Ĉ	uni011C	ĩ	uni0128	Г	afii10020	Ц	afii10040
ĝ	gcircumflex	ĩ	itilde	Г	uni0413	Ц	uni0426
ĝ	uni011D	ĩ	uni0129	Д	afii10021	Ч	afii10041
Ċ	Gbreve	ī	I macron	Д	uni0414	Ч	uni0427
Ċ	uni011E	ī	uni012A	Ж	afii10024	Ш	afii10042
ċ	gbreve	ī	imacron	Ж	uni0416	Ш	uni0428
ċ	uni011F	ī	uni012B	З	afii10025	Щ	afii10043
Ċ	Gdotaccent	ĭ	I breve	З	uni0417	Щ	uni0429
Ċ	uni0120	ĭ	uni012C	И	afii10026	Ъ	afii10044
ġ	gdotaccent	ĭ	ibreve	И	uni0418	Ъ	uni042A
ġ	uni0121	ĭ	uni012D	Й	afii10027	Ы	afii10045
Ġ	Gcommaaccent	Ł	Iogonek	Й	uni0419	Ы	uni042B
Ġ	uni0122	Ł	uni012E	П	afii10033	Ь	afii10046
ġ	gcommaaccent	ł	iogonek	П	uni041F	Ь	uni042C
ġ	uni0123	ł	uni012F	Р	afii10034	Э	afii10047
Ĥ	Hcircumflex	İ	Idotaccent	Р	uni0420	Э	uni042D
Ĥ	uni0124	İ	uni0130	С	afii10035	Ю	afii10048
ĥ	hcircumflex	Ј	afii10057	С	uni0421	Ю	uni042E
ĥ	uni0125	Ј	uni0408	Т	afii10036	Я	afii10049

Я	uni042F	ä	uni04D3	ḃ	uni1E03	ē	uni1E1B
Ч	afii10089	Æ	uni04D4	Ḅ	uni1E04	ē̇	uni1E1C
ч	uni0447	æ	uni04D5	ḅ	uni1E05	ē̈	uni1E1D
Ш	afii10090	Ě	uni04D6	Ḇ	uni1E06	Ḟ	uni1E1E
ш	uni0448	ě	uni04D7	ḇ	uni1E07	ḟ	uni1E1F
Щ	afii10091	Ə	uni04D8	Ḉ	uni1E08	Ḡ	uni1E20
щ	uni0449	ə	afii10846	ḉ	uni1E09	ḡ	uni1E21
Ъ	afii10092	ə̇	uni04D9	Ḋ	uni1E0A	Ḣ	uni1E22
ъ	uni044A	Ə̇	uni04DA	ḋ	uni1E0B	ḣ	uni1E23
Ы	afii10093	ə̈	uni04DB	Ḍ	uni1E0C	Ḥ	uni1E24
ы	uni044B	Ʒ	uni04E0	ḍ	uni1E0D	ḥ	uni1E25
Ь	afii10094	Ʒ̇	uni04E1	Ḏ	uni1E0E	Ḧ	uni1E26
ь	uni044C	Ö	uni04E6	ḏ	uni1E0F	ḧ	uni1E27
Э	afii10095	ö	uni04E7	Ḑ	uni1E10	Ḩ	uni1E28
э	uni044D	Θ	uni04E8	ḑ	uni1E11	ḩ	uni1E29
Ю	afii10096	θ	uni04E9	Ḓ	uni1E12	Ḫ	uni1E2A
ю	uni044E	Ө	uni04EA	ḓ	uni1E13	ḫ	uni1E2B
Я	afii10097	ö̇	uni04EB	Ḕ	uni1E14	Ḭ	uni1E2C
я	uni044F	ȳ	uni04EF	ḕ	uni1E15	ḭ	uni1E2D
Υ	uni04AE	ÿ	uni04F1	Ḗ	uni1E16	ḯ	uni1E2E
Ι	uni04C0	ŷ	uni04F3	ḗ	uni1E17	Ḱ	uni1E2F
Ǻ	uni04D0	Ạ	uni1E00	Ḙ	uni1E18	Ḳ	uni1E30
ǻ	uni04D1	ạ	uni1E01	ḙ	uni1E19	Ḵ	uni1E31
Ǽ	uni04D2	Ḃ	uni1E02	Ḛ	uni1E1A	Ḷ	uni1E32



ḵ	uni1E33	ḡ	uni1E4B	Ṡ	uni1E63		uni0020
Ḷ	uni1E34	Ö	uni1E4C	Š	uni1E64	&	ampersand
ḷ	uni1E35	ő	uni1E4D	š	uni1E65	&	uni0026
Ḹ	uni1E36	Ö	uni1E4E	Š	uni1E66	,	quotesingle
ḹ	uni1E37	ö	uni1E4F	š	uni1E67	,	uni0027
Ḻ	uni1E38	Ö	uni1E50	Š	uni1E68	,	comma
ḻ	uni1E39	ö	uni1E51	š	uni1E69	,	uni002C
Ḽ	uni1E3A	Ö	uni1E52	Ṫ	uni1E6A	-	hyphen
ḽ	uni1E3B	ő	uni1E53	ṭ	uni1E6B	-	uni002D
Ḿ	uni1E3C	Ṁ	uni1E54	Ṭ	uni1E6C	.	period
ḿ	uni1E3D	ṁ	uni1E55	ṭ	uni1E6D	.	uni002E
Ṁ	uni1E3E	Ṃ	uni1E56	Ṭ	uni1E6E	0	zero
ṁ	uni1E3F	ṃ	uni1E57	ṭ	uni1E6F	0	uni0030
Ṃ	uni1E40	Ṅ	uni1E58	Ṭ	uni1E70	ı	ı
ṃ	uni1E41	ṅ	uni1E59	ṭ	uni1E71	ı	uni0049
Ṅ	uni1E42	Ṛ	uni1E5A	Ṭ	uni1E72	J	J
ṅ	uni1E43	ṛ	uni1E5B	ṭ	uni1E73	J	uni004A
Ṇ	uni1E44	Ṛ	uni1E5C	Ṭ	uni1E74	K	K
ṇ	uni1E45	ṛ	uni1E5D	ṭ	uni1E75	K	uni004B
Ṅ	uni1E46	Ṛ	uni1E5E	Ṭ	uni1E76	L	L
ṁ	uni1E47	ṛ	uni1E5F	ṭ	uni1E77	L	uni004C
Ṃ	uni1E48	Ṡ	uni1E60	Ṭ	uni1E78	M	M
ṃ	uni1E49	ṡ	uni1E61	ṭ	uni1E79	M	uni004D
Ṅ	uni1E4A	Ṣ	uni1E62		space	N	N

N	uni004E	Z	uni005A	h	h	t	t
O	O	[	bracketleft	h	uni0068	t	uni0074
O	uni004F	[	uni005B	i	i	u	u
P	P	\	backslash	i	uni0069	u	uni0075
P	uni0050	\	uni005C	j	j	v	v
Q	Q	]	bracketright	j	uni006A	v	uni0076
Q	uni0051	]	uni005D	k	k	w	w
R	R	^	uni02C4	k	uni006B	w	uni0077
R	uni0052	_	underscore	l	l.superior	x	x.superior
S	S	_	uni005F	l	uni02E1	x	uni02E3
S	uni0053	a	a	m	m	y	y
T	T	a	uni0061	m	uni006D	y	uni0079
T	uni0054	b	b	n	n	z	z
U	U	b	uni0062	n	uni006E	Z	uni007A
U	uni0055	c	c	o	o	{	braceleft
V	V	c	uni0063	o	uni006F	{	uni007B
V	uni0056	d	d	p	p		bar
W	W	d	uni0064	p	uni0070		uni007C
W	uni0057	e	e	q	q	}	braceright
X	X	e	uni0065	q	uni0071	}	uni007D
X	uni0058	f	f	r	r	~	asciitilde
Y	Y	f	uni0066	r	uni0072	~	uni007E
Y	uni0059	g	g	s	s.superior		uni00A0
Z	Z	g	uni0067	s	uni02E2	!	exclamdown

¡	uni00A1	®	registered	º	uni00BA	Æ	uni00C6
¢	cent	®	uni00AE	»	guillemotright	Ç	Ccedilla
¢	uni00A2	—	macron	»	uni00BB	Ç	uni00C7
£	sterling	—	uni00AF	¼	onequarter	È	Egrave
£	uni00A3	°	degree	¼	uni00BC	È	uni00C8
¤	currency	°	uni00B0	½	onehalf	É	Eacute
¤	uni00A4	±	plusminus	½	uni00BD	É	uni00C9
¥	yen	±	uni00B1	¾	threequarters	Ê	Ecircumflex
¥	uni00A5	²	two.superior	¾	uni00BE	Ê	uni00CA
	brokenbar	²	uni00B2	¿	questiondown	Ë	Edieresis
	uni00A6	³	three.superior	¿	uni00BF	Ë	uni00CB
§	section	³	uni00B3	À	Agrave	Ì	Igrave
§	uni00A7	´	acute	À	uni00C0	Ì	uni00CC
¨	dieresis	´	uni00B4	Á	Aacute	Í	Iacute
¨	uni00A8	μ	uni00B5	Á	uni00C1	Í	uni00CD
©	copyright	¶	paragraph	Â	Acircumflex	Î	Icircumflex
©	uni00A9	¶	uni00B6	Â	uni00C2	Î	uni00CE
ª	ordfeminine	•	periodcentered	Ã	Atilde	Ï	Idieresis
ª	uni00AA	•	uni00B7	Ã	uni00C3	Ï	uni00CF
«	guillemotleft	¸	cedilla	Ä	Adieresis	Ð	Eth
«	uni00AB	¸	uni00B8	Ä	uni00C4	Ð	uni00D0
¬	logicalnot	¹	one.superior	Å	Aring	Ñ	Ntilde
¬	uni00AC	¹	uni00B9	Å	uni00C5	Ñ	uni00D1
–	uni00AD	º	ordmasculine	Æ	AE	Ò	Ograve

Ò	uni00D2	ƀ	uni00DE	ê	uni00EA	ÿ	uni00FF
Ó	Oacute	ß	germandbls	ë	edieresis	Ā	Amacron
Ô	uni00D3	ß	uni00DF	ë	uni00EB	Ā	uni0100
Ô	Ocircumflex	à	agrave	ì	igrave	ā	amacron
Ô	uni00D4	à	uni00E0	ì	uni00EC	ā	uni0101
Õ	Otilde	á	aacute	í	iacute	Ă	Abreve
Õ	uni00D5	á	uni00E1	í	uni00ED	Ă	uni0102
Ö	Odieresis	â	acircumflex	î	icircumflex	ă	abreve
Ö	uni00D6	â	uni00E2	î	uni00EE	ă	uni0103
×	multiply	ã	atilde	ï	idieresis	Ą	Aogonek
×	uni00D7	ã	uni00E3	ï	uni00EF	Ą	uni0104
Ø	Oslash	ä	adieresis	ð	eth	ą	aogonek
Ø	uni00D8	ä	uni00E4	ð	uni00F0	ą	uni0105
Ù	Ugrave	å	aring	ñ	ntilde	Ć	Cacute
Ù	uni00D9	å	uni00E5	ñ	uni00F1	Ć	uni0106
Ú	Uacute	æ	ae	ø	oslash	ć	acute
Ú	uni00DA	æ	uni00E6	ø	uni00F8	ć	uni0107
Û	Ucircumflex	ç	cedilla	ü	udieresis	Ĉ	Ccircumflex
Û	uni00DB	ç	uni00E7	ü	uni00FC	Ĉ	uni0108
Ü	Udieresis	è	egrave	ý	yacute	ĉ	ccircumflex
Ü	uni00DC	è	uni00E8	ý	uni00FD	ĉ	uni0109
Ý	Yacute	é	eacute	þ	thorn	Č	Cdotaccent
Ý	uni00DD	é	uni00E9	þ	uni00FE	Č	uni010A
ƀ	Thorn	ê	ecircumflex	ÿ	ydieresis	č	cdotaccent

ċ	uni010B	ij	uni0133	Ł	uni013F	ŋ	uni014B
Č	Ccaron	Ĵ	Jcircumflex	ł	ldot	Ō	Omacron
Č	uni010C	Ĵ	uni0134	ł	uni0140	Ō	uni014C
č	ccaron	Ĵ	jcircumflex	Ł	Lslash	ō	omacron
č	uni010D	Ĵ	uni0135	Ł	uni0141	ō	uni014D
Ǧ	Dcaron	Ɔ	Kcommaaccent	ł	lslash	Ŏ	Obreve
Ǧ	uni010E	Ɔ	uni0136	ł	uni0142	Ŏ	uni014E
ď	dcaron	Ɔ	kcommaaccent	Ň	Nacute	ǒ	obreve
ď	uni010F	Ɔ	uni0137	Ň	uni0143	ǒ	uni014F
Đ	Dcroat	Ɔ	kgreenlandic	ń	macute	Ő	Ohungarumlaut
Đ	uni0110	Ɔ	uni0138	ń	uni0144	Ő	uni0150
đ	dcroat	Ĺ	Lacute	Ŋ	Ncommaaccent	ő	ohungarumlaut
đ	uni0111	Ĺ	uni0139	Ŋ	uni0145	ő	uni0151
Ē	Emacron	Í	iacute	ŋ	ncommaaccent	Œ	OE
Ē	uni0112	Í	uni013A	ŋ	uni0146	Œ	uni0152
ē	emacron	Ł	Lcommaaccent	Ň	Ncaron	œ	oe
ē	uni0113	Ł	uni013B	Ň	uni0147	œ	uni0153
Ě	Ebreve	ı	lcommaaccent	ň	ncaron	Ŕ	Racute
Ě	uni0114	ı	uni013C	ň	uni0148	Ŕ	uni0154
ı	dotlessi	Ł	Lcaron	ŋ	napostrophe	ŕ	racute
ı	uni0131	Ł	uni013D	ŋ	uni0149	ŕ	uni0155
IJ	IJ	ḷ	lcaron	Ŋ	Eng	Ŗ	Rcommaaccent
IJ	uni0132	ḷ	uni013E	Ŋ	uni014A	Ŗ	uni0156
ij	ij	Ł	Ldot	ŋ	eng	ŗ	rcommaaccent

Ŗ	uni0157	ţ	uni0163	ű	uni016F	Ž	uni017B
Ř	Rcaron	Ț	Tcaron	Ű	Uhungarumlaut	ž	zdotaccent
Ř	uni0158	Ț	uni0164	Ű	uni0170	ž	uni017C
ř	rcaron	ț	tcaron	ű	uhungarumlaut	Ž	Zcaron
ř	uni0159	ț	uni0165	ű	uni0171	Ž	uni017D
Ŝ	Sacute	Ț	Tbar	Ț	Uogonek	ž	zcaron
Ŝ	uni015A	Ț	uni0166	Ț	uni0172	ž	uni017E
ŝ	sacute	ţ	tbar	Ț	uogonek	f	longs
ŝ	uni015B	ţ	uni0167	Ț	uni0173	f	uni017F
Ŝ	Scircumflex	Ũ	Utilde	Ŵ	Wcircumflex	Ɔ	uni0186
Ŝ	uni015C	Ũ	uni0168	Ŵ	uni0174	Đ	uni0189
ŝ	scircumflex	ũ	utilde	ŵ	wcircumflex	Ǝ	uni018E
ŝ	uni015D	ũ	uni0169	ŵ	uni0175	Ə	uni018F
Ș	Scedilla	Ū	Umacron	Ŷ	Ycircumflex	f	florin
Ș	uni015E	Ū	uni016A	Ŷ	uni0176	f	uni0192
ș	scedilla	ū	umacron	ŷ	ycircumflex	η	uni019E
ș	uni015F	ū	uni016B	ŷ	uni0177	Θ	uni019F
Š	Scaron	Ů	Ubreve	Ÿ	Ydieresis	Ŏ	Ohorn
Š	uni0160	Ů	uni016C	Ÿ	uni0178	Ŏ	uni01A0
š	scaron	ů	ubreve	Ž	Zacute	ơ	ohorn
š	uni0161	ů	uni016D	Ž	uni0179	ơ	uni01A1
Ț	Tcedilla	Ů	Uring	ž	zacute	ȯ	uni01A7
Ț	uni0162	Ů	uni016E	ž	uni017A	ȯ	uni01A8
ț	tcedilla	ű	uring	Ž	Zdotaccent	Σ	uni01A9

Ů	Uhorn	Ĭ	uni01CF	Č	uni01E6	á	uni01FB
Ů	uni01AF	ĭ	uni01D0	č	gcaron	Á	AEacute
ů	uhorn	Ǫ	uni01D1	č	uni01E7	Á	uni01FC
ů	uni01B0	ǫ	uni01D2	Ķ	uni01E8	æ	aeacute
Ẑ	uni01B5	ǰ	uni01D3	ķ	uni01E9	æ	uni01FD
Ẑ	uni01B6	Ǔ	uni01D4	Q	uni01EA	Ø	Oslashacute
Ẑ	uni01B7	ǔ	uni01D5	q	uni01EB	Ø	uni01FE
Σ	uni01B8	ū	uni01D6	Q̄	uni01EC	ó	oslashacute
Σ	uni01B9	Ū	uni01D7	q̄	uni01ED	ó	uni01FF
	uni01C0	ú	uni01D8	Ž	uni01EE	À	uni0200
	uni01C1	Ŭ	uni01D9	ž	uni01EF	à	uni0201
‡	uni01C2	ű	uni01DA	ǰ	uni01F0	Â	uni0202
!	uni01C3	Ű	uni01DB	DZ	uni01F1	â	uni0203
DŽ	uni01C4	ű	uni01DC	Dz	uni01F2	È	uni0204
Dž	uni01C5	ə	uni01DD	dz	uni01F3	è	uni0205
dž	uni01C6	Ā	uni01DE	Ć	uni01F4	Ê	uni0206
LJ	uni01C7	ā	uni01DF	ć	uni01F5	ê	uni0207
Lj	uni01C8	Ă	uni01E0	Hb	uni01F6	Ì	uni0208
lj	uni01C9	ă	uni01E1	p	uni01F7	ì	uni0209
NJ	uni01CA	Ē	uni01E2	Ñ	uni01F8	Î	uni020A
Nj	uni01CB	ē	uni01E3	ñ	uni01F9	î	uni020B
nj	uni01CC	G	uni01E4	Ǻ	Aringacute	Ö	uni020C
Ǻ	uni01CD	g	uni01E5	Ǻ	uni01FA	ö	uni020D
ǻ	uni01CE	Č	Gcaron	ǻ	aringacute	Ô	uni020E

ô	uni020F	ę	uni0229	ŋ	uni0272	ı	uni02CC
ř	uni0210	ö	uni022A	ŋ	uni0273	ˆ	uni02D0
ř	uni0211	ö	uni022B	ŋ	returned	˘	uni02D1
Ř	uni0212	ö	uni022C	ŋ	uni0279	˘	breve
ř	uni0213	ö	uni022D	ŋ	uni027A	˘	uni02D8
Û	uni0214	ò	uni022E	ŕ	uni027C	˙	dotaccent
ù	uni0215	ó	uni022F	ſ	uni0283	˙	uni02D9
Û	uni0216	ö	uni0230	ł	uni0285	◌	ring
û	uni0217	ö	uni0231	Ț	uni0287	◌	uni02DA
Œ	Scommaaccent	ÿ	uni0232	Λ	uni028C	◌	ogonek
Œ	uni0218	ÿ	uni0233	ℳ	uni028D	◌	uni02DB
Œ	scommaaccent	Ƶ	uni0250	ℒ	uni028E	˜	tilde
Œ	uni0219	ɑ	uni0251	Υ	uni028F	˜	uni02DC
Ț	Tcommaaccent	Ɓ	uni0252	Ƴ	uni0292	”	hungarumlaut
Ț	uni021A	Ɔ	uni0254	Ʒ	uni029E	”	uni02DD
ț	tcommaaccent	ə	uni0258	‘	uni02BB	、	gravecomb
ț	uni021B	ə	uni0259	’	afi57929	、	uni0300
Ĥ	uni021E	ε	uni025B	’	uni02BC	’	acutecomb
ĥ	uni021F	з	uni025C	^	circumflex	’	uni0301
8	uni0222	ұ	uni0265	^	uni02C6	^	uni0302
8	uni0223	ı	uni026A	˘	caron	˜	tildecomb
À	uni0226	Ƶ	uni026F	˘	uni02C7	˜	uni0303
à	uni0227	Ʒ	uni0270	ı	uni02C8	˙	uni0307
Ę	uni0228	ŋ	uni0271	—	uni02C9	˙˙	uni0308



ʹ	hookabovcomb	Β	uni0392	Ξ	uni039E	ÿ	uni03AB
ʹ	uni0309	Γ	Gamma	Ο	Omicron	ά	alphatonos
✓	uni030C	Γ	uni0393	Ο	uni039F	ά	uni03AC
“	uni030F	Δ	Delta	Π	Pi	έ	epsilontonos
ʼ	uni031B	Δ	uni0394	Π	uni03A0	έ	uni03AD
.	dotbelowcomb	Ε	Epsilon	Ρ	Rho	ή	etatonos
.	uni0323	Ε	uni0395	Ρ	uni03A1	ή	uni03AE
,	uni0326	Ζ	Zeta	Σ	Sigma	ί	iotatonos
,	uni0327	Ζ	uni0396	Σ	uni03A3	ί	uni03AF
ʼ	tonos	Η	Eta	Τ	Tau	ύ	upsilondieresisto-
ʼ	uni0384	Η	uni0397	Τ	uni03A4	nos ύ	uni03B0
ΐ	Iotatonos	Θ	Theta	Υ	Upsilon	α	alpha
ΐ	uni038A	Θ	uni0398	Υ	uni03A5	α	uni03B1
Ό	Omicrontonos	Ι	Iota	Φ	Phi	β	beta
Ό	uni038C	Ι	uni0399	Φ	uni03A6	β	uni03B2
Υ	Upsilontonos	Κ	Kappa	Χ	Chi	γ	gamma
Υ	uni038E	Κ	uni039A	Χ	uni03A7	γ	uni03B3
Ω	Omegatonos	Λ	Lambda	Ψ	Psi	δ	delta
Ω	uni038F	Λ	uni039B	Ψ	uni03A8	δ	uni03B4
ϊ	iotadiesisistonos	Μ	Mu	Ω	Omega	ε	epsilon
ϊ	uni0390	Μ	uni039C	Ω	uni03A9	ε	uni03B5
Α	Alpha	Ν	Nu	ϊ	Iotadiesis	ζ	zeta
Α	uni0391	Ν	uni039D	ϊ	uni03AA	ζ	uni03B6
Β	Beta	Ξ	Xi	ÿ	Upsilondieresis		

η	eta	σ	sigma	ϐ	uni03D0	Α	afii10017
η	uni03B7	σ	uni03C3	ϑ	theta1	Α	uni0410
θ	theta	τ	tau	ϑ	uni03D1	Б	afii10018
θ	uni03B8	τ	uni03C4	Υ	Upsilon1	Б	uni0411
ι	iota	υ	upsilon	Υ	uni03D2	В	afii10019
ι	uni03B9	υ	uni03C5	Υ	uni03D3	В	uni0412
Κ	kappa	φ	phi	Ͽ	uni03D4	Е	afii10022
Κ	uni03BA	φ	uni03C6	ϕ	phi1	Е	uni0415
λ	lambda	χ	chi	ϕ	uni03D5	К	afii10028
λ	uni03BB	χ	uni03C7	ω	omega1	К	uni041A
μ	mu	ψ	psi	ω	uni03D6	Л	afii10029
μ	uni03BC	ψ	uni03C8	κ	uni03D7	Л	uni041B
ν	nu	ω	omega	κ	uni03F0	М	afii10030
ν	uni03BD	ω	uni03C9	ρ	uni03F1	М	uni041C
ξ	xi	ϊ	iotadieresis	Ϸ	uni03F2	Н	afii10031
ξ	uni03BE	ϊ	uni03CA	Θ	uni03F4	Н	uni041D
Ο	omicron	ϋ	upsilondieresis	€	uni03F5	Ο	afii10032
Ο	uni03BF	ϋ	uni03CB	Ɔ	uni03F9	Ο	uni041E
Π	pi	ό	omicrontonos	Ɔ	afii10054	Φ	afii10038
Π	uni03C0	ό	uni03CC	Ɔ	uni0405	Φ	uni0424
ρ	rho	ύ	upsilontonos	Ι	afii10055	α	afii10065
ρ	uni03C1	ύ	uni03CD	Ι	uni0406	α	uni0430
ς	sigma1	ώ	omegatonos	ϊ	afii10056	β	afii10066
ς	uni03C2	ώ	uni03CE	ϊ	uni0407	β	uni0431

<b>В</b>	afii10067	<b>О</b>	afii10080	<b>ï</b>	uni0456	<b>Ű</b>	wacute
<b>В</b>	uni0432	<b>О</b>	uni043E	<b>ï</b>	afii10104	<b>Ű</b>	uni1E83
<b>Г</b>	afii10068	<b>П</b>	afii10081	<b>ï</b>	uni0457	<b>Ű</b>	Wdieresis
<b>Г</b>	uni0433	<b>П</b>	uni043F	<b>j</b>	afii10105	<b>Ű</b>	uni1E84
<b>Д</b>	afii10069	<b>р</b>	afii10082	<b>j</b>	uni0458	<b>Ű</b>	wdieresis
<b>Д</b>	uni0434	<b>р</b>	uni0440	<b>́</b>	afii10109	<b>Ű</b>	uni1E85
<b>е</b>	afii10070	<b>С</b>	afii10083	<b>́</b>	uni045C	<b>Ű</b>	uni1E86
<b>е</b>	uni0435	<b>С</b>	uni0441	<b>й</b>	uni045D	<b>Ű</b>	uni1E87
<b>Ж</b>	afii10072	<b>Т</b>	afii10084	<b>ÿ</b>	afii10110	<b>Ű</b>	uni1E88
<b>Ж</b>	uni0436	<b>Т</b>	uni0442	<b>ÿ</b>	uni045E	<b>Ű</b>	uni1E89
<b>З</b>	afii10073	<b>у</b>	afii10085	<b>Ψ</b>	uni0470	<b>Ű</b>	uni1E8A
<b>З</b>	uni0437	<b>у</b>	uni0443	<b>Ψ</b>	uni0471	<b>Ű</b>	uni1E8B
<b>И</b>	afii10074	<b>ф</b>	afii10086	<b>Ü</b>	uni1E7A	<b>Ű</b>	uni1E8C
<b>И</b>	uni0438	<b>ф</b>	uni0444	<b>ü</b>	uni1E7B	<b>Ű</b>	uni1E8D
<b>Й</b>	afii10075	<b>ц</b>	afii10088	<b>Ŵ</b>	uni1E7C	<b>Ű</b>	uni1E8E
<b>Й</b>	uni0439	<b>ц</b>	uni0446	<b>Ŵ</b>	uni1E7D	<b>Ű</b>	uni1E8F
<b>К</b>	afii10076	<b>è</b>	uni0450	<b>Ŵ</b>	uni1E7E	<b>Ű</b>	uni1E90
<b>К</b>	uni043A	<b>ë</b>	afii10071	<b>Ŵ</b>	uni1E7F	<b>Ű</b>	uni1E91
<b>Л</b>	afii10077	<b>ë</b>	uni0451	<b>Ŵ</b>	Wgrave	<b>Ű</b>	uni1E92
<b>Л</b>	uni043B	<b>í</b>	afii10100	<b>Ŵ</b>	uni1E80	<b>Ű</b>	uni1E93
<b>М</b>	afii10078	<b>í</b>	uni0453	<b>Ŵ</b>	wgrave	<b>Ű</b>	uni1E94
<b>М</b>	uni043C	<b>Š</b>	afii10102	<b>Ŵ</b>	uni1E81	<b>Ű</b>	uni1E95
<b>Н</b>	afii10079	<b>Š</b>	uni0455	<b>Ŵ</b>	Wacute	<b>h</b>	uni1E96
<b>Н</b>	uni043D	<b>ì</b>	afii10103	<b>Ŵ</b>	uni1E82	<b>ĥ</b>	uni1E97

ŵ	uni1E98	Ă	uni1EB4	!	uni1ECB	Ợ	uni1EE3
Ỡ	uni1E99	ă	uni1EB5	Ọ	uni1ECC	Ụ	uni1EE4
ỉ	uni1E9B	Ặ	uni1EB6	ọ	uni1ECD	ụ	uni1EE5
Ạ	uni1EA0	ặ	uni1EB7	Ỏ	uni1ECE	Ủ	uni1EE6
ạ	uni1EA1	Ệ	uni1EB8	ỏ	uni1ECF	ủ	uni1EE7
Ả	uni1EA2	ẹ	uni1EB9	Ố	uni1ED0	Ứ	uni1EE8
ả	uni1EA3	ẻ	uni1EBA	ố	uni1ED1	ứ	uni1EE9
Ấ	uni1EA4	ẻ	uni1EBB	Ồ	uni1ED2	Ừ	uni1EEA
ấ	uni1EA5	Ễ	uni1EBC	ồ	uni1ED3	ừ	uni1EEB
Ẫ	uni1EA6	ẽ	uni1EBD	Ổ	uni1ED4	Ử	uni1EEC
ầ	uni1EA7	Ễ	uni1EBE	ổ	uni1ED5	ử	uni1EED
Ằ	uni1EA8	ễ	uni1EBF	Ỗ	uni1ED6	Ữ	uni1EEE
ằ	uni1EA9	Ễ	uni1EC0	ỗ	uni1ED7	ữ	uni1EEF
Ẵ	uni1EAA	ề	uni1EC1	Ộ	uni1ED8	Ự	uni1EF0
ẵ	uni1EAB	Ề	uni1EC2	ộ	uni1ED9	ự	uni1EF1
Ậ	uni1EAC	ề	uni1EC3	Ỡ	uni1EDA	Ỡ	Ygrave
ậ	uni1EAD	Ề	uni1EC4	ớ	uni1EDB	Ỡ	uni1EF2
Ằ	uni1EAE	ề	uni1EC5	Ồ	uni1EDC	ỳ	ygrave
ằ	uni1EAF	Ệ	uni1EC6	ờ	uni1EDD	ỳ	uni1EF3
Ằ	uni1EB0	ệ	uni1EC7	Ở	uni1EDE	Ỡ	uni1EF4
ằ	uni1EB1	ỉ	uni1EC8	ở	uni1EDF	Ỡ	uni1EF5
Ằ	uni1EB2	ỉ	uni1EC9	Ỡ	uni1EE0	Ỡ	uni1EF6
ằ	uni1EB3	!	uni1ECA	ỡ	uni1EE1	Ỡ	uni1EF7
				Ỡ	uni1EE2	Ỡ	uni1EF8

































































































ỹ	uni1EF9	ì	uni1F32	̃Ω	uni1F6E	‘E	uni1FC8
ḁ	uni1F00	ĺ	uni1F34	à	uni1F70	‘H	uni1FCA
Ḃ	uni1F02	ļ	uni1F36	á	uni1F71	ı	uni1FD0
Ḅ	uni1F04	’l	uni1F38	è	uni1F72	ī	uni1FD1
Ḇ	uni1F06	”l	uni1F3A	é	uni1F73	ì	uni1FD2
Ḉ	uni1F08	”l	uni1F3C	è	uni1F74	í	uni1FD3
Ḋ	uni1F0A	̃l	uni1F3E	ή	uni1F75	ĩ	uni1FD6
Ḭ	uni1F0C	ó	uni1F40	ì	uni1F76	ĩ	uni1FD7
Ḱ	uni1F0E	ò	uni1F42	í	uni1F77	ĭ	uni1FD8
Ḳ	uni1F10	ó	uni1F44	ò	uni1F78	ī	uni1FD9
Ḵ	uni1F12	’O	uni1F48	ó	uni1F79	‘l	uni1FDA
Ḷ	uni1F14	”O	uni1F4A	ù	uni1F7A	‘l	uni1FDB
Ḹ	uni1F18	”O	uni1F4C	ú	uni1F7B	ǔ	uni1FE0
Ḻ	uni1F1A	ù	uni1F50	ò	uni1F7C	ū	uni1FE1
Ḽ	uni1F1C	ù	uni1F52	ó	uni1F7D	ù	uni1FE2
Ḿ	uni1F20	ǔ	uni1F54	ǎ	uni1FB0	ú	uni1FE3
Ḻ	uni1F22	ũ	uni1F56	ā	uni1FB1	ρ	uni1FE4
Ḽ	uni1F24	ó	uni1F60	ǎ	uni1FB6	ũ	uni1FE6
Ḻ	uni1F26	ò	uni1F62	Ǻ	uni1FB8	ũ	uni1FE7
Ḽ	uni1F28	ó	uni1F64	Ā	uni1FB9	Ỳ	uni1FE8
Ḻ	uni1F2A	̃ó	uni1F66	À	uni1FBA	Ȳ	uni1FE9
Ḻ	uni1F2C	’Ω	uni1F68	~	uni1FC0	‘Y	uni1FEA
Ḻ	uni1F2E	”Ω	uni1F6A	≈	uni1FC1	‘Y	uni1FEB
ì	uni1F30	”Ω	uni1F6C	ñ	uni1FC6	ˆ	uni1FED

`	uni1FEF		”	uni201D	?! question_exclam
˜	uni1FF6	thinspace	„	quotedblbase	?! uni2048
ˆ	uni1FF8		„	uni201E	!? exclam_question
ˆ	uni1FF9	hairspace	“	quotedblrev	!? uni2049
ˆ	uni1FFA		“	uni201F	¶ uni204B
ˆ	uni1FFB	zerowidthspace	†	dagger	ˆ uni204F
ˆ	uni1FFD		†	uni2020	0 zero.superior
enquad	—	endash	‡	daggerdbl	0 uni2070
uni2000	—	uni2013	‡	uni2021	i i.superior
emquad	—	emdash	•	bullet	i uni2071
uni2001	—	uni2014	•	uni2022	4 four.superior
enspace	—	horizontalbar	...	ellipsis	4 uni2074
uni2002	—	uni2015	...	uni2026	5 five.superior
emspace	‘	quoteleft	‰	perthousand	5 uni2075
uni2003	‘	uni2018	‰	uni2030	6 six.superior
threeperemspace	’	quoteright	◁	guilsinglleft	6 uni2076
uni2004	’	uni2019	◁	uni2039	7 seven.superior
fourperemspace	‚	quotesinglbase	▷	guilsinglright	7 uni2077
uni2005	‚	uni201A	▷	uni203A	8 eight.superior
sixperemspace	◀	quotereversed	!!	exclamdbl	8 uni2078
uni2006	◀	uni201B	!!	uni203C	9 nine.superior
figurespace	“	quotedblleft	??	question_questi-	9 uni2079
uni2007	“	uni201C	on ??	uni2047	+ plus.superior
punctuationspace	”	quotedblright			+ uni207A










–	minus.superior	6	uni2086	$\frac{a}{s}$	uni2101	Ɑ	uni2127
–	uni207B	7	seven.inferior	℄	uni2102	ı	uni2139
=	equal.superior	7	uni2087	°C	centigrade	$\frac{1}{3}$	onethird
=	uni207C	8	eight.inferior	°C	uni2103	$\frac{1}{3}$	uni2153
(	parenleft.superior	8	uni2088	$\frac{c}{o}$	afii61248	$\frac{2}{3}$	twothirds
(	uni207D	9	nine.inferior	$\frac{c}{o}$	uni2105	$\frac{2}{3}$	uni2154
)	parenright.supe-	9	uni2089	$\frac{c}{u}$	uni2106	$\frac{1}{5}$	onefifth
rior)	uni207E	+	plus.inferior	°F	fahrenheit	$\frac{1}{5}$	uni2155
n	n.superior	+	uni208A	°F	uni2109	$\frac{2}{5}$	twofifths
n	uni207F	–	minus.inferior	ℋ	uni210D	$\frac{2}{5}$	uni2156
0	zero.inferior	–	uni208B	ℎ	uni210E	$\frac{3}{5}$	threefifths
0	uni2080	=	equal.inferior	ℏ	uni210F	$\frac{3}{5}$	uni2157
1	one.inferior	=	uni208C	ℓ	afii61289	$\frac{4}{5}$	fourfifths
1	uni2081	(	parenleft.inferior	ℓ	uni2113	$\frac{4}{5}$	uni2158
2	two.inferior	(	uni208D	ℕ	uni2115	$\frac{1}{8}$	oneeighth
2	uni2082	)	parenright.inferi-	№	afii61352	$\frac{1}{8}$	uni215B
3	three.inferior	or)	uni208E	№	uni2116	$\frac{3}{8}$	threeeighths
3	uni2083	Rs	uni20A8	Q	uni211A	$\frac{3}{8}$	uni215C
4	four.inferior	₫	dong	℞	uni211D	$\frac{5}{8}$	fiveeighths
4	uni2084	₫	uni20AB	SM	uni2120	$\frac{5}{8}$	uni215D
5	five.inferior	€	Euro	™	trademark	$\frac{7}{8}$	seveneighths
5	uni2085	€	uni20AC	™	uni2122	$\frac{7}{8}$	uni215E
6	six.inferior	$\frac{a}{c}$	uni2100	ℤ	uni2124	$\frac{1}{}$	onenumerator
				Ω	uni2126	$\frac{1}{}$	uni215F



I	Oneroman	L	uni216C	xi	elevenroman	↙	uni219A
I	uni2160	C	uni216D	xi	uni217A	↗	uni219B
II	Tworoman	D	uni216E	xii	twelveroman	↔	uni21AE
II	uni2161	M	uni216F	xii	uni217B	↵	uni21BC
III	Threeroman	i	oneroman	I	uni217C	↶	uni21BD
III	uni2162	i	uni2170	c	uni217D	↷	uni21C0
IV	Fourroman	ii	tworoman	d	uni217E	→	uni21C1
IV	uni2163	ii	uni2171	m	uni217F	↔	uni21CB
V	Fiveroman	iii	threeroman	←	arrowleft	↔	uni21CC
V	uni2164	iii	uni2172	←	uni2190	↗	uni21CD
VI	Sixroman	iv	fourroman	↑	arrowup	↔	uni21CE
VI	uni2165	iv	uni2173	↑	uni2191	↗	uni21CF
VII	Sevenroman	v	fiveroman	→	arrowright	↔	arrowdblleft
VII	uni2166	v	uni2174	→	uni2192	↔	uni21D0
VIII	Eightroman	vi	sixroman	↓	arrowdown	↕	arrowdblup
VIII	uni2167	vi	uni2175	↓	uni2193	↕	uni21D1
IX	Nineroman	vii	sevenroman	↔	arrowboth	⇒	arrowdblright
IX	uni2168	vii	uni2176	↔	uni2194	⇒	uni21D2
X	Tenroman	viii	eightroman	↕	arrowupdn	↕	arrowdbldown
X	uni2169	viii	uni2177	↕	uni2195	↕	uni21D3
XI	Elevenroman	ix	nineroman	↖	uni2196	↔	arrowdblboth
XI	uni216A	ix	uni2178	↗	uni2197	↔	uni21D4
XII	Twelveroman	x	tenroman	↘	uni2198	↕	uni21D5
XII	uni216B	x	uni2179	↙	uni2199	↖	Nwarrow



	uni21D6		uni2218		dotmath		uni25D2
	Nearrow		uni2219		uni22C5		uni25D3
	uni21D7		infinity		uni22EF		uni25D4
	Searrow		uni221E		uni2303		uni25D5
	uni21D8		uni2223		filledbox		uni25D6
	Swarrow		uni2224		uni25A0		uni25D7
	uni21D9		uni2225		H22073		uni2605
	emptyset		uni2226		uni25A1		uni2669
	uni2205		uni2236		triagup		musicalnote
	uni2206		similar		uni25B2		uni266A
	gradient		uni223C		uni25B3		musicalnotedbl
	uni2207		uni2241		uni25B6		uni266B
	product		notequal		uni25B7		parenleft.sc
	uni220F		uni2260		triagdn		uniF6AE
	uni2210		lessequal		uni25BC		parenright.sc
	summation		uni2264		uni25BD		uniF6AF
	uni2211		greaterequal		uni25C0		bracketleft.sc
	minus		uni2265		uni25C1		uniF6B0
	uni2212		uni226A		circle		bracketright.sc
	uni2213		uni226B		uni25CB		uniF6B1
	uni2215		uni226E		H18533		braceleft.sc
	uni2216		uni226F		uni25CF		uniF6B2
	asteriskmath		uni2270		uni25D0		braceright.sc
	uni2217		uni2271		uni25D1		uniF6B3

!	exclamdown.sc	ft	uniFB05	†	uni0197	5	uni01BD
!	uniF6B4	♂	male	K	uni0198	₤	uni01BE
¿	questiondown.sc	♂	uni2642	ƀ	uni0199	Ɔ	uni01BF
¿	uniF6B5	♀	female	†	uni019A	₧	uni021C
«	guillemotleft.sc	♀	uni2640	λ	uni019B	₧	uni021D
«	uniF6B6	♂	uni2641	W	uni019C	Z	uni0224
»	guillemotright.sc	ᵇ	uni0180	N	uni019D	z	uni0225
»	uniF6B7	B	uni0181	Œ	uni01A2	¨	dieresistonos
<	guilsingleft.sc	Ḃ	uni0182	Œ	uni01A3	¨	uni0385
<	uniF6B8	Ḃ	uni0183	P	uni01A4	À	Alphatonos
>	guilsingright.sc	ḃ	uni0184	ḃ	uni01A5	À	uni0386
>	uniF6B9	ḃ	uni0185	Ṛ	uni01A6	·	anoteleia
J	uniF6BE	Ḹ	uni0187	l	uni01AA	·	uni0387
ff	f_f	Ḹ	uni0188	ṭ	uni01AB	j	uni03F3
ff	uniFB00	D	uni018A	T	uni01AC	È	uni0400
fi	f_i	Ḑ	uni018B	ƒ	uni01AD	Ë	afii10023
fi	uniFB01	Ḑ	uni018C	Ṭ	uni01AE	Ë	uni0401
fl	f_l	q	uni018D	U	uni01B1	Í	afii10052
fl	uniFB02	ε	uni0190	U	uni01B2	Í	uni0403
ffi	f_f_i	F	uni0191	Y	uni01B3	Љ	afii10058
ffi	uniFB03	G	uni0193	y	uni01B4	Љ	uni0409
ffl	f_f_l	Y	uni0194	₧	uni01BA	Н	afii10059
ffl	uniFB04	h	uni0195	2	uni01BB	Н	uni040A
ft	longs_t	l	uni0196	5	uni01BC	Ḥ	afii10060

Ṯ	uni040B	€	uni220A	0	perthousandzero	j	uni02B2
Ѐ	afii10145	√	radical	0	uniE01F	r	r.superior
Ё	uni040F	√	uni221A	0	zero.oldstyle	r	uni02B3
Ж	uni04DC	‡	uni2214	0	uniE020	Ј	rtturned.superior
Ж	uni04DD	;	uni037E	1	one.oldstyle	Ј	uni02B4
Ӗ	uni04DE	'	uni0374	1	uniE021	w	w.superior
Ӗ	uni04DF	,	uni0375		uni2619	w	uni02B7
Й	uni04E2	’E	Epsilontonos		uniE001	y	y.superior
Й	uni04E3	’E	uni0388		uniE002	y	uni02B8
Й	uni04E4	’H	Etatonos		uniE003	'	uni02B9
Й	uni04E5	’H	uni0389		uni2767	”	uni02BA
Ӑ	uni04EC	-	hyphentwo	≡	uniE004	‘	afii64937
ӑ	uni04ED	-	uni2010		uni26A2	‘	uni02BD
Ȳ	uni04EE	-	hyphennobreak		uni26A3	Ɔ	uni02BE
Ӧ	uni04F0	-	uni2011		uni26A4	Ɔ	uni02BF
ӧ	uni04F2	-	figuredash	≡	uniE005	Ɔ	uni02D2
Č	uni04F4	-	uni2012	—	uniE006	Ɔ	uni02D3
č	uni04F5	¥	Yen.fitted	—	uniE007	⊥	uni02D4
İ	uni04F8	¥	uniE01B		uniE008	⊥	uni02D5
İ	uni04F9	‰	uni2031	st	s_t	+	uni02D6
€	element	'	minute	st	uniFB06	-	uni02D7
€	uni2208	'	uni2032	h	h.superior	↵	uni02DE
€	notelement	”	second	h	uni02B0	×	uni02DF
€	uni2209	”	uni2033	j	j.superior	Y	gammalatin.supe-

rior	Y	uni02E0	𐤃	uni0319	𐤄	afii10107	3	three.oldstyle
	ŷ		𐤄	uni031D	𐤅	uni045A	3	uniE023
sed.superior	ŷ	glottalstoprever-	𐤅	uni031E	𐤆	afii10108		uniE040
	ŷ	uni02E4	𐤆	uni031F	𐤇	uni045B		uniE041
	∇	uni02EC	𐤇	uni031C	𐤈	afii10051	Ϣ	uni0255
	≡	uni02ED	𐤈	uni0320	𐤉	uni0402	ḅ	uni0253
	”	uni02EE	𐤉	uni0321	𐤊	afii10053	ḁ	uni0256
	◦	uni030A	𐤊	uni0322	𐤋	uni0404	ḁ	uni0257
	”	uni030B	𐤋	uni0324	𐤌	one.fitted	ḃ	uni0293
	ı	uni030D	𐤌	uni0325	𐤍	uniE011	ˆa	uni1E9A
	”	uni030E	𐤍	uni0328	𐤎	two.fitted	ḅ	uni1F01
	˘	uni0306	𐤎	uni0329	𐤏	uniE012	ḅ	uni1F03
	—	uni0304	𐤏	uni032A	𐤐	three.fitted	ḅ	uni1F05
	—	uni0305	𐤐	uni032B	𐤑	uniE013	ḅ	uni1F07
	˘	uni0310	𐤑	uni032E	𐤒	four.fitted	ḅ	uni1F09
	˘	uni0311	𐤒	uni032F	𐤓	uniE014	ḅ	uni1F0B
	˘	uni0316	𐤓	afii10101	𐤔	five.fitted	ḅ	uni1F0D
	˘	uni0317	𐤔	uni0454	𐤕	uniE015	ḅ	uni1F0F
	𐤕	uni031A	𐤕	afii10193	𐤖	six.fitted	ḅ	uni1F11
	˘	uni0312	𐤖	uni045F	𐤗	uniE016	ḅ	uni1F13
	˘	uni0313	𐤗	afii10099	𐤘	eight.fitted	˘	uni1FBF
	˘	uni0314	𐤘	uni0452	𐤙	uniE018	˘	uni1FCD
	˘	uni0315	𐤙	afii10106	𐤚	two.oldstyle	˘	uni037A
	𐤚	uni0318	𐤚	uni0459	𐤛	uniE022	ḅ	uni1FB2


α	uni1FB3	ή	uni1F25	Υ	uni1F59	Ά	uni1F8C
ά	uni1FB4	ή	uni1F27	“Υ	uni1F5B	Ά	uni1F8D
”	uni1FCE	‘H	uni1F29	”Υ	uni1F5D	~Ά	uni1F8E
~	uni1FCF	“H	uni1F2B	~Υ	uni1F5F	~Ά	uni1F8F
“	uni1FDD	”H	uni1F2D	ώ	uni1F61	ή	uni1F90
”	uni1FDE	~H	uni1F2F	̀ώ	uni1F63	ή	uni1F91
~	uni1FDF	ί	uni1F31	ώ	uni1F65	ή	uni1F92
‘E	uni1FC9	̀ί	uni1F33	~ώ	uni1F67	ή	uni1F93
‘H	uni1FCB	ί	uni1F35	’Ω	uni1F69	ή	uni1F94
Hι	uni1FCC	~ί	uni1F37	“Ω	uni1F6B	ή	uni1F95
ρ	uni1FE5	‘I	uni1F39	”Ω	uni1F6D	ή	uni1F96
‘P	uni1FEC	“I	uni1F3B	~Ω	uni1F6F	ή	uni1F97
٫	uni1FEE	”I	uni1F3D	α	uni1F80	’Hι	uni1F98
ώ	uni1FF2	~I	uni1F3F	α	uni1F81	‘Hι	uni1F99
ω	uni1FF3	ό	uni1F41	α	uni1F82	”Hι	uni1F9A
ώ	uni1FF4	ο	uni1F43	α	uni1F83	“Hι	uni1F9B
~ω	uni1FF7	ό	uni1F45	α	uni1F84	”Hι	uni1F9C
Ωι	uni1FFC	’O	uni1F49	α	uni1F85	”Hι	uni1F9D
Έ	uni1F15	“O	uni1F4B	~α	uni1F86	~Hι	uni1F9E
‘E	uni1F19	”O	uni1F4D	~α	uni1F87	~Hι	uni1F9F
“E	uni1F1B	ύ	uni1F51	Ά	uni1F88	ώ	uni1FA0
’E	uni1F1D	ύ	uni1F53	Ά	uni1F89	ώ	uni1FA1
ή	uni1F21	ύ	uni1F55	Ά	uni1F8A	ώ	uni1FA2
ή	uni1F23	~ύ	uni1F57	Ά	uni1F8B	ώ	uni1FA3

ŵ	uni1FA4	√ <sup>3</sup>	uni221B	Ü	uniE02E	Ł	uni029F
ŵ̇	uni1FA5	√ <sup>4</sup>	uni221C	Ƨ	uni0289	ƚ	uni027E
ŵ̃	uni1FA6	”	primetripel	Ƨ	uni028A	ɀ	uni027F
ŵ̄	uni1FA7	”	uni2034	Ƨ	uni0299	Ɂ	rhookturned
’Ωı	uni1FA8	`	primereversed	Ƨ	uni029C	ɂ	uni027B
’Ωı	uni1FA9	`	uni2035	Ƨ	uni0264	Ƀ	uni027D
”Ωı	uni1FAA	“	uni2036	Ƨ	glottalstoprever-	Ʉ	uni025F
“Ωı	uni1FAB	”	uni2037	sed Ƨ	uni0295	Ƨ	uni0262
”Ωı	uni1FAC	►	trianglebullet	Ƨ	uni0298	Ƨ	uni0261
”Ωı	uni1FAD	►	uni2023	Ƨ	uni028B	Ƨ	hhook
˜Ωı	uni1FAE	,	uni0343	Ƨ	uni0274	Ƨ	uni0266
˜Ωı	uni1FAF	•	onedotenleader	Ƨ	Rsmallcap	Ƨ	hhook.superior
À	uni1FBB	•	uni2024	Ƨ	uni0280	Ƨ	uni02B1
Ǻ	uni1FB7	••	twodotenleader	Ƨ	Rsmallinverted	Ƨ	uni0282
ḡ	uni1FC2	••	uni2025	Ƨ	uni0281	Ƨ	uni0290
ḡ	uni1FC3	•	hyphendot	Ƨ	gammalatin	Ƨ	uni0284
ḡ	uni1FC4	•	uni2027	Ƨ	uni0263	Ƨ	uni0260
ḡ	uni1FC7	✱	uni203B	Ƨ	uni0268	Ƨ	uni0267
Αı	uni1FBC	∥	uni2016	Ƨ	uni0277	Ƨ	uni026D
ı	uni1FBE	Ä	Adieresis.alt	Ƨ	uni0276	Ƨ	uni029B
1/6	onesixth	Ä	uniE02C	Ƨ	uni0275	Ƨ	uni0291
1/6	uni2159	Ö	Odieresis.alt	Ƨ	uni029A	Ƨ	uni026B
5/6	fivesixths	Ö	uniE02D	Ƨ	uni025E	Ƨ	uni026C
5/6	uni215A	Ü	Udieresis.alt	Ƨ		Ƨ	uni026E

Ʒ	uni025D	•	uni0358	^	asciicircum	℄	uni023B
?	uni0294	∞	uni035A	^	uni005E	Ł	uni023D
Ѕ	uni0296	*	uni0359	’	uni02CA	℥	uni023E
ƚ	uni0288	~	uni0330	`	uni02CB	§	uni023F
ȝ	uni029D	—	uni0331	≠	uni2249	?	uni0241
?	uni02A1	~	uni0342	≈	approxequal	ₐ	a.inferior
ƒ	uni02A2	/	uni0338	≈	uni2248	ₐ	uni2090
ø	uni025A	<	uni02C2	≡	uni2259	ₑ	e.inferior
ı	uni0269	>	uni02C3	♪	uni266C	ₑ	uni2091
∫	uni0286	∨	uni02C5	⊕	uni2180	ₒ	o.inferior
℄	uni0297	ƒ	uni02C1	⊗	uni2182	ₒ	uni2092
Ẃ	uni02AC	ə	uni03F6	Đ	uni2181	ₓ	x.inferior
dz	uni02A3	§	uni03DA	↻	uni2183	ₓ	uni2093
đ	uni02A4	§	uni03DB	η	uni0220	ə	uni2094
đ	uni02A5	F	uni03DC	đ	uni0221	ˆ	uni035B
Ł	uni02AB	Ƒ	uni03DD	ł	uni0234	)	uni035C
?	uni02C0	℥	uni03DE	ŋ	uni0235	)	uni035D
ƒ	uni02A0	⚡	uni03DF	ƚ	uni0236	—	uni035E
tc	uni02A8	ᐃ	uni03E0	J	dotlessj	—	uni035F
ł	uni02AA	ᐅ	uni03E1	J	uni0237	↻	uni2184
ƒŋ	uni02A9	Ə	suchthat	ɔ	uni0238	ϕ	uni0278
⌌	uni02AD	Ə	uni220B	ℳ	uni023A	Ł	uni2C60
ts	uni02A6	Ð	uni220C	ϕ	uni0239	Ł	uni2C62
tf	uni02A7	Ə	uni220D	℄	uni023C	†	uni2C61

Ɛ	uni2C63	④	uni2463	Ⓜ	uni24BD	ⓕ	uni24D5
℞	uni2C64	⑤	uni2464	Ⓛ	uni24BE	ⓖ	uni24D6
ǎ	uni2C65	⑥	uni2465	⓵	uni24BF	ⓗ	uni24D7
Ƨ	uni2C66	⑦	uni2466	Ⓚ	uni24C0	ⓞ	uni24D8
ℋ	uni2C67	⑧	uni2467	Ⓛ	uni24C1	⓷	uni24D9
ℎ	uni2C68	⑨	uni2468	Ⓜ	uni24C2	Ⓚ	uni24DA
℔	uni2C69	⑩	uni2469	Ⓝ	uni24C3	Ⓛ	uni24DB
ℓ	uni2C6A	⑪	uni246A	Ⓞ	uni24C4	Ⓜ	uni24DC
ℤ	uni2C6B	⑫	uni246B	Ⓟ	uni24C5	Ⓨ	uni24DD
ℤ	uni2C6C	⑬	uni246C	Ⓠ	uni24C6	ⓞ	uni24DE
℥	uni2C77	⑭	uni246D	Ⓡ	uni24C7	Ⓟ	uni24DF
ℑ	uni2C75	⑮	uni246E	Ⓢ	uni24C8	Ⓡ	uni24E0
ℑ	uni2C76	⑯	uni246F	Ⓣ	uni24C9	Ⓡ	uni24E1
Ⅎ	uni2C74	⑰	uni2470	Ⓤ	uni24CA	Ⓢ	uni24E2
Ƒ	uniA720	⑱	uni2471	Ⓥ	uni24CB	Ⓣ	uni24E3
Ɔ	uni037B	⑲	uni2472	Ⓦ	uni24CC	Ⓤ	uni24E4
Ɔ	uni037C	⑳	uni2473	Ⓧ	uni24CD	Ⓥ	uni24E5
Ɔ	uni037D	Ⓐ	uni24B6	Ⓨ	uni24CE	Ⓦ	uni24E6
Ɔ	uni03FD	Ⓑ	uni24B7	Ⓩ	uni24CF	Ⓧ	uni24E7
Ɔ	uni03FE	Ⓒ	uni24B8	ⓐ	uni24D0	Ⓨ	uni24E8
Ɔ	uni03FF	Ⓓ	uni24B9	ⓑ	uni24D1	Ⓩ	uni24E9
①	uni2460	Ⓔ	uni24BA	ⓒ	uni24D2	ⓐ	uni24EA
②	uni2461	Ⓕ	uni24BB	ⓓ	uni24D3	Ṯ	afii10146
③	uni2462	Ⓖ	uni24BC	ⓔ	uni24D4	Ṯ	uni0462



Ŧ	afii10194	7	seven.fitted	I	i.sc	V	v.sc
Ŧ	uni0463	7	uniE017	I	uniE059	V	uniE066
e	estimated	9	nine.fitted	J	j.sc	W	w.sc
e	uni212E	9	uniE019	J	uniE05A	W	uniE067
⊙	uni25C9	€	Euro.fitted	L	l.sc	X	x.sc
◇	lozenge	€	uniE01A	L	uniE05C	X	uniE068
◇	uni25CA	K	k.sc	M	m.sc	Y	y.sc
◆	uni25C6	K	uniE05B	M	uniE05D	Y	uniE069
◇	uni25C7	A	a.sc	N	n.sc	Z	z.sc
ft	f_t	A	uniE051	N	uniE05E	Z	uniE06A
ft	uniE039	B	b.sc	O	o.sc	À	agrave.sc
~	uni0360	B	uniE052	O	uniE05F	À	uniE070
⌒	uni0361	C	c.sc	P	p.sc	Á	aacute.sc
→	uni0362	C	uniE053	P	uniE060	Á	uniE071
ℒ	uniE009	D	d.sc	Q	q.sc	Â	acircumflex.sc
∅	zero.slashfitted	D	uniE054	Q	uniE061	Â	uniE072
∅	uniE00F	E	e.sc	R	r.sc	Ã	atilde.sc
Qu	Q_u	E	uniE055	R	uniE062	Ã	uniE073
Qu	uniE048	F	f.sc	S	s.sc	Ä	adieresis.sc
	uniE042	F	uniE056	S	uniE063	Ä	uniE074
0	zero.fitted	G	g.sc	T	t.sc	Å	aring.sc
0	uniE010	G	uniE057	T	uniE064	Å	uniE075
;	semicolon	H	h.sc	U	u.sc	Æ	ae.sc
;	uni003B	H	uniE058	U	uniE065	Æ	uniE076



Ç	ccedilla.sc	Ó	oacute.sc	ÿ	ydieresis.sc	(11)	uni247E
Ç	uniE077	Ó	uniE083	ÿ	uniE08F	(12)	uni247F
È	egrave.sc	Ô	ocircumflex.sc	Ij	ij.sc	(13)	uni2480
È	uniE078	Ô	uniE084	Ij	uniE090	(14)	uni2481
É	eacute.sc	Õ	otilde.sc	SS	germandbls.scalt	(15)	uni2482
É	uniE079	Õ	uniE085	SS	uniE091	(16)	uni2483
Ê	ecircumflex.sc	Ö	odieresis.sc	-	hyphen.sc	(17)	uni2484
Ê	uniE07A	Ö	uniE086	-	uniE06D	(18)	uni2485
Ë	edieresis.sc	Œ	oe.sc	℥	ampersand.alt	(19)	uni2486
Ë	uniE07B	Œ	uniE087	℥	uniE050	(20)	uni2487
Ì	igrave.sc	Ø	oslash.sc	^	uni032D	11	uni24EB
Ì	uniE07C	Ø	uniE088	✓	uni032C	12	uni24EC
Í	iacute.sc	Ù	ugrave.sc	Ƴ	uni02AE	13	uni24ED
Í	uniE07D	Ù	uniE089	Ƴ	uni02AF	14	uni24EE
Î	icircumflex.sc	Ú	uacute.sc	(1)	uni2474	15	uni24EF
Î	uniE07E	Ú	uniE08A	(2)	uni2475	16	uni24F0
Ï	idieresis.sc	Û	ucircumflex.sc	(3)	uni2476	17	uni24F1
Ï	uniE07F	Û	uniE08B	(4)	uni2477	18	uni24F2
Ð	eth.sc	Ü	udieresis.sc	(5)	uni2478	19	uni24F3
Ð	uniE080	Ü	uniE08C	(6)	uni2479	20	uni24F4
Ñ	ntilde.sc	Ý	yacute.sc	(7)	uni247A	①	uni24F5
Ñ	uniE081	Ý	uniE08D	(8)	uni247B	②	uni24F6
Ò	ograve.sc	Þ	thorn.sc	(9)	uni247C	③	uni24F7
Ò	uniE082	Þ	uniE08E	(10)	uni247D	④	uni24F8

⑤	uni24F9	⑧	uni277D	Ω	uni264E	Ž	uni04C2
⑥	uni24FA	⑨	uni277E	ℳ	uni264F	Γ	uni04F6
⑦	uni24FB	⑩	uni277F	♂	uni2650	Γ	uni04F7
⑧	uni24FC	/	fraction	℥	uni2651	F	uni0492
⑨	uni24FD	/	uni2044	≍	uni2652	F	uni0493
⑩	uni24FE		uni202F	℥	uni2653	Y	uni04AF
⓪	uni24FF	Θ	afii10147	☯	uni262F	h	uni04BB
⊙	uni25CE	Θ	uni0472	ℳ	uni2695	h	uni04BA
?	interrobang	Θ	afii10195	♀	uni2698	_	uni02CD
?	uni203D	Θ	uni0473	♀	uni263F	,	uni02CE
∂	partialdiff	V	afii10148	4	uni2643	,	uni02CF
∂	uni2202	V	uni0474	h	uni2644	ı	rhookturned.su-
≡	equivalence	V	afii10196	℥	uni2645	perior	
≡	uni2261	V	uni0475	Ψ	uni2646	ı	uni02B5
≠	uni2262	Γ	afii10050	℔	uni2647	℔	Rsmallinver-
∫	integral	Γ	uni0490	☾	uni263E	ted.superior	
∫	uni222B	Γ	afii10098	☾	uni263E	℔	uni02B6
①	uni2776	Γ	uni0491	☞	uni261B	ı	ı
②	uni2777	Γ	uni0491	☞	uni261E	ı	uni006C
③	uni2778	Υ	uni2648	☼	uni263C	S	s
④	uni2779	Υ	uni2649	☾	uni263D	S	uni0073
⑤	uni277A	Π	uni264A	‘	uni1FFE	X	x
⑥	uni277B	☾	uni264B	=	underscoredbl	X	uni0078
⑦	uni277C	☾	uni264C	=	uni2017	Q	uni03D8
		ℳ	uni264D	Ž	uni04C1	Q	uni03D9

Ṽ	uni0476	.	afii57793	.	afii57804	,	afii57673
Ṽ	uni0477	.	uni05B4	.	uni05C1	,	uni05D9
Ж	uni0496	..	afii57794	.	afii57803	ך	afii57674
Ж	uni0497	..	uni05B5	.	uni05C2	ך	uni05DA
Ɔ	uni049A	∴	afii57795	‡	afii57658	כ	afii57675
Ɔ	uni049B	∴	uni05B6	‡	uni05C3	כ	uni05DB
Ɔ	uni049C	-	afii57798	⌘	afii57664	ל	afii57676
Ɔ	uni049D	-	uni05B7	⌘	uni05D0	ל	uni05DC
Ɔ	uni04A2	⌘	afii57797	ב	afii57665	ם	afii57677
Ɔ	uni04A3	⌘	uni05B8	ב	uni05D1	ם	uni05DD
Ɔ	uni04B0	.	afii57806	ג	afii57666	נ	afii57678
Ɔ	uni04B1	.	uni05B9	ג	uni05D2	נ	uni05DE
Ɔ	uni04B3	∴	afii57796	ד	afii57667	ן	afii57679
Ɔ	uni04B2	∴	uni05BB	ד	uni05D3	ן	uni05DF
Ɔ	uni04B8	.	afii57807	ה	afii57668	נ	afii57680
Ɔ	uni04B9	.	uni05BC	ה	uni05D4	נ	uni05E0
:	afii57799	,	afii57839	ו	afii57669	ס	afii57681
:	uni05B0	,	uni05BD	ו	uni05D5	ס	uni05E1
∴	afii57801	-	afii57645	ז	afii57670	ע	afii57682
∴	uni05B1	-	uni05BE	ז	uni05D6	ע	uni05E2
-:	afii57800	-	afii57841	ח	afii57671	ף	afii57683
-:	uni05B2	-	uni05BF	ח	uni05D7	ף	uni05E3
⌘:	afii57802		afii57842	ט	afii57672	פ	afii57684
⌘:	uni05B3		uni05C0	ט	uni05D8	פ	uni05E4

׀	afii57685	ᵢ	uni0495	ℰ	uni04BE	∩	uni2229
׀	uni05E5	ᵢ	uni0494	ℰ	uni04BF	∪	union
׃	afii57686	ᵢ	uni04C3	ᵢ	uni04C4	⊂	probersubset
׃	uni05E6	ᵢ	uni04C7	ᵢ	uni04C8	⊂	uni2282
ק	afii57687	ᵢ	uni04A7	ᵢ	uni04C9	⊃	probersuperset
ק	uni05E7	ᵢ	uni04A6	ᵢ	uni04CA	⊃	uni2283
ר	afii57688	ᵢ	uni0498	ᵢ	uni04CC	⊄	notsubset
ר	uni05E8	ᵢ	uni0499	ᵢ	uni04CB	⊄	uni2284
ש	afii57689	ᵢ	uni049E	ᵢ	uni04A8	⊈	uni2285
ש	uni05E9	ᵢ	uni049F	ᵢ	uni04A9	⊕	circleplus
ת	afii57690	ᵢ	uni04A5	—	uni203E	⊕	uni2295
ת	uni05EA	ᵢ	uni04A4	↕	uni204A	⊖	uni2296
ו	afii57716	ᵢ	uni04B4	↕	arrowupdnbse	⊗	circlemultiply
ו	uni05F0	ᵢ	uni04B5	↕	uni21A8	⊗	uni2297
י	afii57717	ᵢ	uni04A0	∀	universal	⊘	uni2298
י	uni05F1	ᵢ	uni04A1	∃	existential	⏏	uni2302
י	afii57718	ᵢ	uni04AA	∃	uni2203	┐	uni2310
י	uni05F2	ᵢ	uni04AB	∄	uni2204	ℓ	uni2320
,	uni05F3	ᵢ	uni04AC	ℒ	uni221F	ℐ	uni2321
”	uni05F4	ᵢ	uni04AD	∧	logicaland	∠	uni2329
.	uni05BA	ᵢ	uni04B6	∧	uni2227	∠	uni232A
ℓ	uni05C6	ᵢ	uni04B7	∨	logicalor	ℙ	uni2627
ℵ	aleph	ℰ	uni04BC	∨	uni2228	☺	uni2639
ℵ	uni2135	ℰ	uni04BD	∩	intersection	☺	uni263A

♠	uni263B	n	uni2099	Ń	uniE0A2	Ů	uniE0AE
♣	uni2663	,	uni1FBD	Ň	ncaron.sc	Ž	zacute.sc
♦	uni2666	ª	uni0363	ň	uniE0A3	ž	uniE0AF
♥	uni2665	Ǻ	abreve.sc	Ŋ	eng.sc	Ẑ	zdotaccent.sc
♠	uni2660	ǻ	uniE098	Ŋ	uniE0A4	Ẓ	uniE0B0
₣	franc	Ą	aogonek.sc	Ő	ohungarumlaut.sc	Ž	zcaron.sc
₣	uni20A3	ą	uniE099	ő	uniE0A5	ž	uniE0B1
£	lira	Ć	cacute.sc	Ŕ	racute.sc	Ł	lcaron.sc
£	uni20A4	ć	uniE09A	Ŗ	uniE0A6	Ł	uniE0B2
Pts	peseta	Č	ccaron.sc	Ř	rcaron.sc	Đ	dcroat.sc
Pts	uni20A7	č	uniE09B	ř	uniE0A7	Đ	uniE097
Đ	uni20AF	ǰ	dcaron.sc	Ś	sacute.sc	Ǧ	tcaron.sc
₣	uni20A2	ǰ	uniE09C	ś	uniE0A8	ǧ	uniE0B3
₣	uni20B1	Ę	eogonek.sc	Ş	scedilla.sc	8	eight
≡	congruent	ę	uniE09D	ş	uniE0A9	8	uni0038
≡	uni2245	Ě	ecaron.sc	Š	scaron.sc	?	uniFFFD
**	uni2042	ě	uniE09E	š	uniE0AA	₰	uniA721
ƚ	uni03F8	Ǧ	gbreve.sc	Ț	tcedilla.sc	ß	Germandbls
ℳ	uni03FB	ǧ	uniE09F	Ț	uniE0AB	ß	uni1E9E
≍	uni23D3	Í	lacute.sc	ƒ	tbar.sc	Ĉ	uni2201
ℬ	uni0243	í	uniE0A0	ƒ	uniE0AC	Š	Ifraktur
ℵ	afii10087	Ł	lslash.sc	Ů	uring.sc	Š	uni2111
ℵ	uni0445	ł	uniE0A1	Ů	uniE0AD	℞	Rfraktur
m	uni2098	Ň	nacute.sc	Ů	uhungarumlaut.sc	℞	uni211C

ℙ	uni2119	ᑭ	uniE0CF	○	kreis	Ɔ	uniE0EB
ᑭ	uni2136	ᑭ	q.superior	○	uniE100	℞	R.alt
ᑭ	uni2137	ᑭ	uniE0D0	ß	germandbls.alt	℞	uniE0EC
ᑭ	uni2138	ᑭ	t.superior	ß	uniE04C	”	uniE0F9
§	uni210C	ᑭ	uniE0D3	4	four.oldstyle	”	uniE0FB
ᑭ	b.superior	ᑭ	u.superior	4	uniE024	tt	t_t
ᑭ	uniE0C1	ᑭ	uniE0D4	5	five.oldstyle	tt	uniE03C
ᑭ	c.superior	ᑭ	v.superior	5	uniE025	ct	c_t
ᑭ	uniE0C2	ᑭ	uniE0D5	6	six.oldstyle	ct	uniE03D
ᑭ	d.superior	ᑭ	z.superior	6	uniE026	h	h.alt
ᑭ	uniE0C3	ᑭ	uniE0D9	7	seven.oldstyle	h	uniE04B
ᑭ	e.superior	ᑭ	H	7	uniE027	⌈	uni27E6
ᑭ	uniE0C4	ᑭ	uni0048	8	eight.oldstyle	⌋	uni27E7
ᑭ	f.superior	ᑭ	Ø	8	uniE028	Libertine	uniE00A
ᑭ	uniE0C5	ᑭ	Ø	9	nine.oldstyle	0	zero.taboldstyle
ᑭ	g.superior	ᑭ	ß	9	uniE029	0	uniE118
ᑭ	uniE0C6	ᑭ	ß	Я	uniE0E8	1	one.taboldstyle
ᑭ	k.superior	ᑭ	tz		Tux	1	uniE119
ᑭ	uniE0CA	ᑭ	tz		uniE000	2	two.taboldstyle
ᑭ	m.superior	ᑭ	Α	W	W.alt	2	uniE11A
ᑭ	uniE0CC	ᑭ	Α	W	uniE0E9	3	three.taboldstyle
ᑭ	o.superior	ᑭ	a	V	V.alt	3	uniE11B
ᑭ	uniE0CE	ᑭ	a	V	uniE0EA	4	four.taboldstyle
ᑭ	p.superior	ᑭ	⌚	K	K.alt	4	uniE11C
		ᑭ	⌚				

5	five.taboldstyle	┐	uni2423	l	uniE153	z	uniE161
5	uniE11D	‐	hyphen.cap	m	m.inferior	≈	uni2E17
6	six.taboldstyle	‐	uniF6BA	m	uniE154	W	w.alt
6	uniE11E	┐	uni237D	n	n.inferior	W	uniE0F1
7	seven.taboldstyle	○	uniE101	n	uniE155	W	uniE0F2
7	uniE11F	b	b.inferior	p	p.inferior		uniE06B
8	eight.taboldstyle	b	uniE149	p	uniE157	℥	uni0464
8	uniE120	c	c.inferior	q	q.inferior	℥	uni0465
9	nine.taboldstyle	c	uniE14A	q	uniE158	℥	uni0466
9	uniE121	d	d.inferior	r	r.inferior	℥	uni0467
♂	uni26A5	d	uniE14B	r	uniE159	℥	uni0468
📄	uniE104	f	f.inferior	s	s.inferior	℥	uni0469
📄	uniE105	f	uniE14D	s	uniE15A	℥	uni046A
📄	uniE106	g	g.inferior	t	t.inferior	℥	uni046B
📄	uniE107	g	uniE14E	t	uniE15B	℥	uni048C
SS	Germandbls.alt	h	h.inferior	u	u.inferior	℥	uni048D
SS	uniE04E	h	uniE14F	u	uniE15C	℥	uni048E
○	uniE00B	i	i.inferior	v	v.inferior	℥	uni048F
⊠	uni2326	i	uniE150	v	uniE15D	℥	uni046C
⊠	uni232B	j	j.inferior	w	w.inferior	℥	uni046D
⊠	uni2327	j	uniE151	w	uniE15E	℥	uni0460
↵	uni2380	k	k.inferior	y	y.inferior	℥	uni0461
∞	proportional	k	uniE152	y	uniE160	℥	uni046E
∞	uni221D	l	l.inferior	z	z.inferior	℥	uni046F











































































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Ḟ	uni047C	Ḡ	uni1EFD	Ɀ	uni22A2	˘	uniE361
Ḣ	uni047D	Ḡ	uni1EFC	Ɀ	uni22A3	¨	dieresis.cap
Ḟ	uni047E	ŷ	uni1EFF	⊥	uni27C2	¨	uniE362
Ḟ	uni047F	ŷ	uni1EFE	e	uni0364	ʹ	hookabove-
Ʒ	J.alt	Ṛ	tcommaaccent.sc	˘	grave.cap	comb.cap	
Ʒ	uniE0ED	Ṛ	uniE0B4	˘	uniE358	˙	uniE363
Ÿ	uniE0EE	Ṛ	scommaaccent.sc	˘	acute.cap	˙	dotaccent.cap
Ÿ	uniE0EF	Ṛ	uniE0B5	˘	uniE359	˙	uniE364
Ÿ	uniE0F3	ï	idotaccent.sc	ˆ	circumflex.cap	Ꞥ	uni2E02
Ÿ	uniE0F4	ï	uniE0B6	ˆ	uniE35A	Ꞥ	uni2E03
○	openbullet	Ÿ	uniE0F5	˘	caron.cap	Ꞥ	uni2E04
○	uni25E6	–	uniE130	˘	uniE35B	Ꞥ	uni2E05
⋮	uni22EE	∅	uni2300	˘	breve.cap	Ꞥ	uni2E08
˘	uni0357	&	ampersand.sc	˘	uniE35C	Ꞥ	uni2E09
˘	uni0351	Ê	uniE0BD	”	hungarumlaut.cap	Ꞥ	uni2E0A
↪	uni21A6	W	uniE0F0	”	uniE35D	—	uni0332
□	uniE128	ŷ	y.alt	”	space_uni030F.cap	=	uni0333
□	uniE129	ŷ	uniE0F6	”	uniE35E	~	uni0334
□	uniE12A	⊙	uni26AD	˘	breveinver-	—	uni0335
ƒ	uniE9C	ℓ	uni214F	tedcmb.cap		—	uni0336
ƒ	uniE9D	⊥	perpendicular	˘	uniE35F	/	uni0337
δ	uniE9F	⊥	uni22A5	˘	breve.cyr	˘	uni0339
ℒ	uniEFA	Ɀ	uni22A6	˘	uniE360	˘	

Ɑ	uni033A	>	uni0350	d	uni1D48	h	uni2095
Ɱ	uni033B	◌̣	uni0352	e	uni1D49	k	uni2096
Ɐ	uni033C	×	uni0353	ə	uni1D4A	l	uni2097
×	uni033D	<	uni0354	g	uni1D4D	p	uni209A
˘	uni033E	>	uni0355	k	uni1D4F	s	uni209B
	uni033F	>^	uni0356	o	uni1D52	t	uni209C
、	uni0340	i	uni0365	m	uni1D50	ə	uniE0DA
/	uni0341	o	uni0366	c	uni1D9C		uniE14C
Ɀ	uni0344	u	uni0367	p	uni1D56	/	uniE162
Ɀ	uni0345	c	uni0368	t	uni1D57	\	uniE163
Ɀ	uni0346	d	uni0369	u	uni1D58	^	uniE164
	uni0347	h	uni036A	v	uni1D5B	V	uniE165
	uni0348	m	uni036B	ɔ	uni1D53		uniE0BF
Ɀ	uni0349	r	uni036C	u	uni1D5A		uniE0BC
˘	uni034A	t	uni036D	e	uni1D44	f	f.short
˘	uni034B	v	uni036E	!	uni1D4E	f	uniE0E0
≈	uni034C	x	uni036F	f	uni1DA0	ff	f_f.short
↔	uni034D	a	uni1D43	z	uni1DBB	ff	uniE0E1
↑	uni034E	b	uni1D47	8	uni1D15		

### 15.3 Biolinum Key

!	exclam	2	uni0032	@	at
!	uni0021	3	three	@	uni0040
"	quotedbl	3	uni0033	A	A
"	uni0022	4	four	A	uni0041
#	numbersign	4	uni0034	B	B
#	uni0023	5	five	B	uni0042
\$	dollar	5	uni0035	C	C
\$	uni0024	6	six	C	uni0043
%	percent	6	uni0036	D	D
%	uni0025	7	seven	D	uni0044
(	parenleft	7	uni0037	E	E
(	uni0028	9	nine	E	uni0045
)	parenright	9	uni0039	F	F
)	uni0029	:	colon	F	uni0046
*	asterisk	:	uni003A	G	G
*	uni002A	<	less	G	uni0047
+	plus	<	uni003C	`	grave
+	uni002B	=	equal	`	uni0060
/	slash	=	uni003D	ò	ograve
/	uni002F	>	greater	ò	uni00F2
1	one	>	uni003E	ó	oacute
1	uni0031	?	question	ó	uni00F3
2	two	?	uni003F	ô	ocircumflex

ô	uni00F4	Ě	uni011A	H	uni0126
õ	otilde	ě	ecaron	h̄	hbar
õ	uni00F5	ě	uni011B	ħ	uni0127
ö	odieresis	Ĉ	Gcircumflex	ĩ	Itilde
ö	uni00F6	Ĉ	uni011C	ĩ	uni0128
÷	divide	ĝ	gcircumflex	ĩ	itilde
÷	uni00F7	ĝ	uni011D	ĩ	uni0129
ù	ugrave	Ĝ	Gbreve	ī	I macron
ù	uni00F9	Ĝ	uni011E	ī	uni012A
ú	uacute	ğ	gbreve	ī	imacron
ú	uni00FA	ğ	uni011F	ī	uni012B
û	ucircumflex	Ġ	Gdotaccent	İ	I breve
û	uni00FB	Ġ	uni0120	İ	uni012C
ě	ebreve	ğ	gdotaccent	ı	i breve
ě	uni0115	ğ	uni0121	ı	uni012D
Ė	Edotaccent	Ģ	Gcommaaccent	Į	Iogonek
Ė	uni0116	Ģ	uni0122	Į	uni012E
ė	edotaccent	ģ	gcommaaccent	į	iogonek
ė	uni0117	ģ	uni0123	į	uni012F
Ę	Eogonek	Ĥ	Hcircumflex	İ	Idotaccent
Ę	uni0118	Ĥ	uni0124	İ	uni0130
ę	eogonek	ĥ	hcircumflex		space
ę	uni0119	ĥ	uni0125		uni0020
Ě	Ecaron	H	Hbar	&	ampersand

	uni0026		uni004F		uni005B
	quotesingle		P		backslash
	uni0027		uni0050		uni005C
	comma		Q		bracketright
	uni002C		uni0051		uni005D
	hyphen		R		uni02C4
	uni002D		uni0052		underscore
	period		S		uni005F
	uni002E		uni0053		a
	zero		T		uni0061
	uni0030		uni0054		b
	I		U		uni0062
	uni0049		uni0055		c
	J		V		uni0063
	uni004A		uni0056		d
	K		W		uni0064
	uni004B		uni0057		e
	L		X		uni0065
	uni004C		uni0058		f
	M		Y		uni0066
	uni004D		uni0059		g
	N		Z		uni0067
	uni004E		uni005A		h
	O		bracketleft		uni0068

	i		u		sterling
	uni0069		uni0075		uni00A3
	j		v		currency
	uni006A		uni0076		uni00A4
	k		w		yen
	uni006B		uni0077		uni00A5
l	l.superior	x	x.superior		brokenbar
l	uni02E1	x	uni02E3		uni00A6
	m		y		section
	uni006D		uni0079		uni00A7
	n		z	..	dieresis
	uni006E		uni007A	..	uni00A8
	o		braceleft		guillemotleft
	uni006F		uni007B		uni00AB
	p		bar		uni00AD
	uni0070		uni007C		degree
	q		braceright		uni00B0
	uni0071		uni007D		plusminus
	r		asciitilde		uni00B1
	uni0072		uni007E		acute
s	s.superior		exclamdown		uni00B4
s	uni02E2		uni00A1		uni00B5
	t		cent		periodcentered
	uni0074		uni00A2		uni00B7

¸	cedilla	Ë	Edieresis	×	multiply
¸	uni00B8	Ë	uni00CB	×	uni00D7
»	guillemotright	Ì	Igrave	Ø	Oslash
»	uni00BB	Ì	uni00CC	Ø	uni00D8
À	Agrave	Í	Iacute	Ù	Ugrave
À	uni00C0	Í	uni00CD	Ù	uni00D9
Á	Aacute	Î	Icircumflex	Ú	Uacute
Á	uni00C1	Î	uni00CE	Ú	uni00DA
Â	Acircumflex	Ï	Idieresis	Û	Ucircumflex
Â	uni00C2	Ï	uni00CF	Û	uni00DB
Ã	Atilde	Ð	Eth	Ü	Udieresis
Ã	uni00C3	Ð	uni00D0	Ü	uni00DC
Ä	Adieresis	Ñ	Ntilde	Ý	Yacute
Ä	uni00C4	Ñ	uni00D1	Ý	uni00DD
Å	Aring	Ò	Ograve	Þ	Thorn
Å	uni00C5	Ò	uni00D2	Þ	uni00DE
Ç	Ccedilla	Ó	Oacute	ß	germandbls
Ç	uni00C7	Ó	uni00D3	ß	uni00DF
È	Egrave	Ô	Ocircumflex	à	agrave
È	uni00C8	Ô	uni00D4	à	uni00E0
É	Eacute	Õ	Otilde	á	aacute
É	uni00C9	Õ	uni00D5	á	uni00E1
Ê	Ecircumflex	Ö	Odieresis	â	acircumflex
Ê	uni00CA	Ö	uni00D6	â	uni00E2





































































ã	atilde	ï	idieresis	Ą	Aogonek
ã	uni00E3	ï	uni00EF	Ą	uni0104
ä	adieresis	ǒ	eth	ą	aogonek
ä	uni00E4	ǒ	uni00F0	ą	uni0105
å	aring	ñ	ntilde	Ć	Cacute
å	uni00E5	ñ	uni00F1	Ć	uni0106
æ	ae	ø	oslash	ć	cacute
æ	uni00E6	ø	uni00F8	ć	uni0107
ç	cedilla	ü	udieresis	Ĉ	Ccircumflex
ç	uni00E7	ü	uni00FC	Ĉ	uni0108
è	egrave	ý	yacute	ĉ	ccircumflex
è	uni00E8	ý	uni00FD	ĉ	uni0109
é	eacute	þ	thorn	Č	Cdotaccent
é	uni00E9	þ	uni00FE	Č	uni010A
ê	ecircumflex	ÿ	ydieresis	č	cdotaccent
ê	uni00EA	ÿ	uni00FF	č	uni010B
ë	edieresis	Ā	Amacron	Č	Ccaron
ë	uni00EB	Ā	uni0100	Č	uni010C
ì	igrave	ā	amacron	č	ccaron
ì	uni00EC	ā	uni0101	č	uni010D
í	iacute	Ă	Abreve	Ǻ	Dcaron
í	uni00ED	Ă	uni0102	Ǻ	uni010E
î	icircumflex	ă	abreve	ď	dcaron
î	uni00EE	ă	uni0103	ď	uni010F



Đ	Dcroat	ƛ	kgreenlandic	ń	nacute
Đ	uni0110	ƛ	uni0138	ń	uni0144
đ	dcroat	Ĺ	Lacute	Ń	Ncommaaccent
đ	uni0111	Ĺ	uni0139	Ń	uni0145
Ē	Emacron	Í	lacute	ņ	ncommaaccent
Ē	uni0112	Í	uni013A	ņ	uni0146
ē	emacron	Ł	Lcommaaccent	Ň	Ncaron
ē	uni0113	Ł	uni013B	Ň	uni0147
Ě	Ebreve	Į	lcommaaccent	ň	ncaron
Ě	uni0114	Į	uni013C	ň	uni0148
ı	dotlessi	Ľ	Lcaron	’n	napostrophe
ı	uni0131	Ľ	uni013D	’n	uni0149
IJ	IJ	İ	lcaron	Ō	Omacron
IJ	uni0132	İ	uni013E	Ō	uni014C
ij	ij	Ł	Ldot	ō	omacron
ij	uni0133	Ł	uni013F	ō	uni014D
Ĵ	Jcircumflex	·l	ldot	Ŏ	Obreve
Ĵ	uni0134	·l	uni0140	Ŏ	uni014E
ĵ	jcircumflex	Ł	Lslash	ő	obreve
ĵ	uni0135	Ł	uni0141	ő	uni014F
Ƙ	Kcommaaccent	†	lslash	Ő	Ohungarumlaut
Ƙ	uni0136	†	uni0142	Ő	uni0150
ƙ	kcommaaccent	Ň	Nacute	ő	ohungarumlaut
ƙ	uni0137	Ň	uni0143	ő	uni0151

Ŕ	Racute	Š	Scaron	Ů	Ubreve
Ŗ	uni0154	Ṧ	uni0160	Ű	uni016C
ŕ	racute	š	scaron	ů	ubreve
ŗ	uni0155	ṧ	uni0161	ű	uni016D
Ṛ́	Rcommaaccent	Ț	Tcedilla	Ȳ	Uring
Ŗ̣	uni0156	Ț̣	uni0162	ȳ	uni016E
ṛ́	rcommaaccent	ț	tcedilla	ȳ̇	uring
ŗ̣	uni0157	ț̣	uni0163	ȳ̇̇	uni016F
Ř	Rcaron	Ț̣̇	Tcaron	Ű̇	Uhungarumlaut
Ř̇	uni0158	Ț̣̇̇	uni0164	ű̇	uni0170
ř	rcaron	ť	tcaron	ű̇̇	uhungarumlaut
ŗ̇	uni0159	ť̇	uni0165	ű̇̇̇	uni0171
Ś	Sacute	Ț̣̇̇̇	Tbar	Ȳ̇	Uogonek
Ŝ	uni015A	Ț̣̇̇̇̇	uni0166	ȳ̇̇	uni0172
ś	sacute	Ț̣̇̇̇̇̇	tbar	ȳ̇̇̇	uogonek
ŝ	uni015B	Ț̣̇̇̇̇̇̇	uni0167	ȳ̇̇̇̇	uni0173
Ŝ̂	Scircumflex	Ů̂	Utilde	Ŵ	Wcircumflex
Ŝ̇	uni015C	Ű̂	uni0168	ŵ	uni0174
ŝ̂	scircumflex	ű̂	utilde	ŵ̂	wcircumflex
ŝ̇	uni015D	ű̇̂	uni0169	ŵ̇	uni0175
Ș	Scedilla	Ū	Umacron	Ŷ	Ycircumflex
Ṣ̂	uni015E	Ū̂	uni016A	ŷ̂	uni0176
ș	scedilla	ū	umacron	ŷ̇̂	ycircumflex
Ș̣	uni015F	ū̂	uni016B	ŷ̇̇̂	uni0177









































































	Ydieresis	˚	uni02D0	˚	uni0309
	uni0178	˘	uni02D1	˘	uni030C
	Zacute	˘	breve	“	uni030F
	uni0179	˘	uni02D8	,	uni031B
	zacute	•	dotaccent	.	dotbelowcomb
	uni017A	•	uni02D9	.	uni0323
	Zdotaccent	◦	ring	,	uni0326
	uni017B	◦	uni02DA	˘	uni0327
	zdotaccent	˘	ogonek		arrowleft
	uni017C	˘	uni02DB		uni2190
	Zcaron	˜	tilde		arrowup
	uni017D	˜	uni02DC		uni2191
	zcaron	”	hungarumlaut		arrowright
	uni017E	”	uni02DD		uni2192
˘	uni02BB	˘	gravecomb		arrowdown
,	afii57929	˘	uni0300		uni2193
,	uni02BC	˘	acutecomb		arrowboth
^	circumflex	˘	uni0301		uni2194
^	uni02C6	^	uni0302		arrowupdn
˘	caron	˜	tildecomb		uni2195
˘	uni02C7	˜	uni0303		uni2196
˘	uni02C8	•	uni0307		uni2197
—	uni02C9	••	uni0308		uni2198
˘	uni02CC	˚	hookabovecomb		uni2199

	uni219A		uni21D9		uni25D5
	uni219B		filledbox		uni25D6
	uni21BC		uni25A0		uni25D7
	uni21BD		H22073		uni2605
	uni21C0		uni25A1		uni2669
	uni21C1		triagup		musicalnote
	arrowdblleft		uni25B2		uni266A
	uni21D0		uni25B3		musicalnotedbl
	arrowdblup		uni25B6		uni266B
	uni21D1		uni25B7		male
	arrowdblright		triagdn		uni2642
	uni21D2		uni25BC		female
	arrowdbldown		uni25BD		uni2640
	uni21D3		uni25C0		uni2641
	arrowdblboth		uni25C1		uni0374
	uni21D4		circle		uni0375
	uni21D5		uni25CB		uni2619
	Nwarrow		H18533		uni2767
	uni21D6		uni25CF		uni26A2
	Nearrow		uni25D0		uni26A3
	uni21D7		uni25D1		uni26A4
	Searrow		uni25D2		h.superior
	uni21D8		uni25D3		uni02B0
	Svarrow		uni25D4		j.superior









j	uni02B2	or	ɣ	uni02E0	ɾ	uni0319
r	r.superior	ɣ		glottalstoprever-	ɹ	uni031D
r	uni02B3	sed.superior	ɣ		ɹ	uni031E
ɹ	rturned.superior			uni02E4	ɹ	uni031F
ɹ	uni02B4	v		uni02EC	ɹ	uni031C
w	w.superior	=		uni02ED	ɹ	uni0320
w	uni02B7	”		uni02EE	ɹ	uni0321
y	y.superior	o		uni030A	ɹ	uni0322
y	uni02B8	”		uni030B	ɹ	uni0324
ʹ	uni02B9	ɹ		uni030D	ɹ	uni0325
”	uni02BA	”		uni030E	ɹ	uni0328
ɹ	afi64937	ɹ		uni0306	ɹ	uni0329
ɹ	uni02BD	ɹ		uni0304	ɹ	uni032A
ɹ	uni02BE	ɹ		uni0305	ɹ	uni032B
ɹ	uni02BF	ɹ		uni0310	ɹ	uni032E
ɹ	uni02D2	ɹ		uni0311	ɹ	uni032F
ɹ	uni02D3	ɹ		uni0316	ɹ	uni0343
ɹ	uni02D4	ɹ		uni0317	ɹ	hhook.superior
ɹ	uni02D5	ɹ		uni031A	ɹ	uni02B1
ɹ	uni02D6	ɹ		uni0312	ɹ	uni02C0
ɹ	uni02D7	ɹ		uni0313	ɹ	uni0358
ɹ	uni02DE	ɹ		uni0314	ɹ	uni035A
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ɹ	gammalatin.superi-	ɹ		uni0318	ɹ	uni0330

























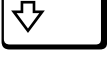


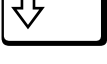
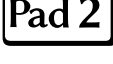

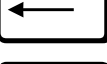
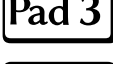


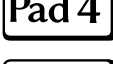


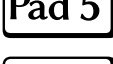


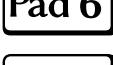


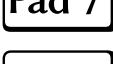


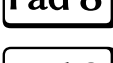


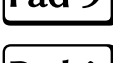


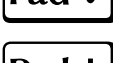


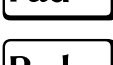


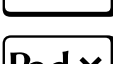
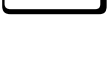
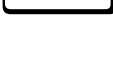
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~	uni0342	;	semicolon	ŷ	uni2651
/	uni0338	;	uni003B	≈	uni2652
<	uni02C2	^	uni032D	⋈	uni2653
>	uni02C3	✓	uni032C	☯	uni262F
√	uni02C5	○	uni25CE	⌘	uni2695
˘	uni02C1	①	uni2776	♀	uni2698
⌘	asciicircum	②	uni2777	♀	uni263F
⌘	uni005E	③	uni2778	ㄥ	uni2643
˙	uni02CA	④	uni2779	ħ	uni2644
˘	uni02CB	⑤	uni277A	ℋ	uni2645
🎵	uni266C	⑥	uni277B	Ψ	uni2646
˘	uni035B	⑦	uni277C	℔	uni2647
˘	uni035C	⑧	uni277D	☾	uni263E
”	uni035D	⑨	uni277E	👉	uni261B
“	uni035E	⑩	uni277F	👈	uni261E
˘	uni035F	♈	uni2648	⚙	uni263C
⊙	uni25C9	♉	uni2649	☾	uni263D
◇	lozenge	♊	uni264A	—	uni02CD
◇	uni25CA	♋	uni264B	、	uni02CE
◆	uni25C6	♌	uni264C	、	uni02CF
◇	uni25C7	♍	uni264D	⌚	rhookturned.supe-
˘	uni0360	♎	uni264E	rior	
˘	uni0361	♏	uni264F	⌚	uni02B5

perior	Ⲕ	Rsmallinverted.su-	-	uni05B7	Ⲛ	uni05D0
	Ⲕ	uni02B6	Ⲛ	afii57797	Ⲛ	afii57665
	Ⲛ	l	Ⲛ	uni05B8	Ⲛ	uni05D1
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	Ⲛ	s	Ⲛ	uni05B9	Ⲛ	uni05D2
	Ⲛ	uni0073	Ⲛ	afii57796	Ⲛ	afii57667
	Ⲛ	x	Ⲛ	uni05BB	Ⲛ	uni05D3
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	Ⲛ	afii57799	Ⲛ	uni05BC	Ⲛ	uni05D4
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	Ⲛ		Ⲛ	afii57664	Ⲛ	afii57676

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	uni05DD		uni05E9		uni0048
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	uni05DE		uni05EA		uniE000
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	afii57681		afii57718		uni237D
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	uni05E3		uni2639		uniE128
	afii57684		uni263A		uniE129
	uni05E4		uni263B		uniE12A
	afii57685		uni2663		uniE130
	uni05E5		uni2666		uni26AD
	afii57686		uni2665		grave.cap
	uni05E6		uni2660		uniE358
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	uni05E7		eight		uniE359
	afii57688		uni0038		circumflex.cap



^	uniE35A	<b>AltGr</b>	A_l_t_G_r	<b>F12</b>	F_1_2
ˇ	caron.cap	<b>AltGr</b>	uniE172	<b>F12</b>	uniE183
˘	uniE35B	<b>F1</b>	F_1	<b>F13</b>	F_1_3
˘	breve.cap	<b>F1</b>	uniE178	<b>F13</b>	uniE184
˘	uniE35C	<b>F2</b>	F_2	<b>F14</b>	F_1_4
˘	hungarumlaut.cap	<b>F2</b>	uniE179	<b>F14</b>	uniE185
˘	uniE35D	<b>F3</b>	F_3	<b>F15</b>	F_1_5
˘	space_uni030F.cap	<b>F3</b>	uniE17A	<b>F15</b>	uniE186
˘	uniE35E	<b>F4</b>	F_4	<b>F16</b>	F_1_6
˘	breveinver-	<b>F4</b>	uniE17B	<b>F16</b>	uniE187
tedcmb.cap		<b>F5</b>	F_5	<b>Ctrl</b>	C_t_r_l
˘	uniE35F	<b>F5</b>	uniE17C	<b>Ctrl</b>	uniE173
˘	breve.cyr	<b>F6</b>	F_6		S_h_i_f_t
˘	uniE360	<b>F6</b>	uniE17D		uniE174
˘	breve.cyr	<b>F7</b>	F_7		T_a_b
˘	uniE361	<b>F7</b>	uniE17E		uniE175
˘	dieresis.cap	<b>F8</b>	F_8		E_n_t_e_r
˘	uniE362	<b>F8</b>	uniE17F		uniE176
˘	hookabove-	<b>F9</b>	F_9		G_N_U
comb.cap		<b>F9</b>	uniE180		uniE190
˘	uniE363	<b>F10</b>	F_1_0	<b>Pos1</b>	P_o_s_1
<b>Strg</b>	S_t_r_g	<b>F10</b>	uniE181	<b>Pos1</b>	uniE191
<b>Strg</b>	uniE170	<b>F11</b>	F_1_1	<b>Entf</b>	E_n_t_f
<b>Alt</b>	A_l_t	<b>F11</b>	uniE182	<b>Entf</b>	uniE192
<b>Alt</b>	uniE171				

	E_i_n_f		uniE18E		uniE188
	uniE193		uni2318		uniE131
	L_e_e_r		uni2325		uniE132
	uniE194		uni232B		uniE133
	E_s_c		uni2327		uniE134
	uniE195		uni2326		uniE135
	E_n_d_e		uniE18C		uniE1B0
	uniE196		uniE1A0		uniE1B1
	C_a_p_s_l_o_c_k		uniE1A1		uniE1AE
	uniE177		uniE1A2		uniE198
	B_a_c_k		uniE1A3		uniE199
	uniE16E		uniE1A4		uniE19A
	uni21A5		uniE1A5		uniE19B
	uni21A7		uniE1A6		uniE138
	H_o_m_e		uniE1A7		uniE139
	uniE189		uniE1A8		uniE13A
	D_e_l		uniE1A9		uniE13C
	uniE18A		uniE1AA		uniE13D
	I_n_s		uniE1AB		uniE168
	uniE18B		uniE1AC		
	E_n_d		uniE1AD		

## 16 gpos- und gsub-Font-Feature

### 16.1 Libertine

#### gpos

```
'opbd' Optical Bounds lookup 6
'csp' Versalabstaende
'mark' Markenpositionierung
'mkmk' Mark to Mark
'kern' Kerning
'rtbd' Rechte Ränder lookup 4
'lfbd' Left Bounds lookup 5
```

#### gsub

```
'aalt' Alle Alternativen zeigen
'locl' Localized Forms Romaenisch
'locl' Localized Forms Cyrillic
'smcp' Gemeine nach Kapitaelchen i > i.sc
'smcp' Gemeine nach Kapitaelchen
'smcp' Gemeine nach Kapitaelchen i > idotaccent.sc
'fina' Wortendeformen
'frac' Contextual Chaining Substitution
'frac' Brueche
'sups' Hochgestellte
'sinf' Tiefgestellte
'c2sc' Versale nach Kapitaelchen
'liga' Standardligaturen ohne TRK CRT AZE
'liga' Standardligaturen
'hlig' Historische Ligaturen
'dlig' optionale Ligaturen
'onum' Minuskelziffern
'lnum' Versalziffern
'pnum' Proportionalziffern
'tnum' Tabellenziffern
'zero' gestrichene Null
'salt' Stilistische Alternativformen
'ccmp' Contextual Chaining Substitution
'ss01' Stilgruppe 1
'ss02' Stilgruppe 2
'ss03' Stilgruppe 3
'ss04' Stilgruppe 4
'ss05' Stilgruppe 5
'ss06' Stilgruppe 6
'case' Versalformen
'nalt' Alternate Annotation Forms lookup 0
Substitution dotless forms
Substitution cap-Accents
Substitution f short
```

## 16.2 Biolinum

### gpos

```
'csp' Versalabstaende  
'mark' Markenpositionierung  
'kern' Kerning
```

### gsub

```
'aalt' Alle Alternativen zeigen  
'loc1' Localized Forms Romaenisch  
'smcp' Gemeine nach Kapitaelchen i > i.sc  
'smcp' Gemeine nach Kapitaelchen  
'smcp' Gemeine nach Kapitaelchen i > idotaccent.sc  
'fina' Wortendeformen  
'frac' Brueche  
'sup' Hochgestellte  
'sinf' Tiefgestellte  
'c2sc' Versale nach Kapitaelchen  
'liga' Standardligaturen  
'hlig' Historische Ligaturen  
'dlig' optionale Ligaturen  
'lnum' Versalziffern  
'tnum' Tabellenziffern  
'pnum' Proportionalziffern  
'onum' Minuskelziffern  
'zero' gestrichene Null  
'salt' Stilistische Alternativformen  
'ss01' Stilgruppe 1  
'ss02' Stilgruppe 2  
'ss03' Stilgruppe 3  
'ss04' Stilgruppe 4  
'case' Versalformen  
'nalt' Alternate Annotation Forms lookup 0
```

## 17 FAQ

1. Ich habe einen Fehler gefunden. Was soll ich tun?  
Den Fehler auf [Sourceforge](http://www.linuxlibertine.org) beschreiben oder **besser** direkt dem Autor eine **Mail** schreiben (siehe <http://www.linuxlibertine.org>).  
Fontautor: **Philipp Poll** alias „Gillian Tiefenlicht“ [gillian@linuxlibertine.org](mailto:gillian@linuxlibertine.org)
2. Ich brauche die **Type 1 Font**-Variante, wie kann ich diese selber erstellen?
  - a) Mit **fontforge** die entsprechenden Fonts (afm, pfb) erstellen.
  - b) Mit dem  $\TeX$ -Paket **fontinst** die entsprechenden Dateien für `latex` bzw. `pdflatex` erstellen.
3. Warum werden in den meisten Beispielen nicht die **fontspec**-Parameter verwendet, sondern die „raw“-**otf**-feature?  
Es ist nicht ganz einfach, bei **fontspec** herauszufinden, welche „Schalter“ beim Font genau verwendet werden und ob überhaupt der Font diese Möglichkeit unterstützt. Die *raw*-Parameter kann ich aus dem Font auslesen und so genau bestimmen, was der Font kann und was nicht.
4. Warum gibt es keine Installationsanleitung für den Font?  
Je nachdem, welches  $\TeX$ -Distribution man verwendet, kann das Erstellen einer Dokumentation sehr aufwendig sein, dafür fehlt uns die Zeit. Die „maintainer“ von **texlive** und **miktex** erstellen ein entsprechendes Paket, so dass dieses genutzt werden kann, ohne selbst eine Installation durchführen zu müssen.
5. `\textsc{...}` verwendet Kursiv. Was kann ich tun?  
Dies ist eine Besonderheit vom **fontspec**-Paket. Folgender Code zeigt eine Lösung, die aber evtl. Nebeneffekte haben kann. Die Besonderheit ist an den Autor des **fontspec**-Paketes gemeldet worden, aber bis jetzt gibt es noch keine Lösung.

```
\documentclass{article}\pagestyle{empty}
\usepackage{libertineotf}

\let\textsc\Lsmcp

\begin{document}

\begin{tabular}{ll}
regular sc      & \textsc{Das ist ein Haus!}\\
bold sc         & \textbf{\textsc{Das ist ein Haus!}}\\
italic sc       & \textit{\textsc{Das ist ein Haus!}}\\
bold italic sc  & \textbf{\textit{\textsc{Das ist ein Haus!}}}\\
slanted sc      & \textsl{\textsc{Das ist ein Haus!}}\\
bold slanted sc & \textbf{\textsl{\textsc{Das ist ein Haus!}}}\\
\end{tabular}

\end{document}
```

6. Ich lade den Font lieber selber mit dem Paket **fontspec** und verwende nicht das Paket **libertineotf**. Nun bekomme ich nicht die richtigen Schnitte, wenn ich nur den Fontnamen angebe.  
Einfach mal in das Paket **libertineotf** sehen und dort den Aufruf übernehmen und wenn man sicher ist, dass man weiß was man will, entsprechend anpassen.

## 18 TODO

1. Fontnamen anpassen (Windows meldet hier einen Fehler) -> Philipp!
2. Libertine-Mono verkleinern (95%) -> Philipp!
3. Fehler bei Zahlen, wenn als Option z.B. `Numbers=OldStyle` verwendet wird!
4. `1ex` hat bei `lualatex` einen falschen Wert, bei `xelatex` funktioniert es -> **fontspec**-bug!
5. `longtable` mit Nummernfont
6. ...