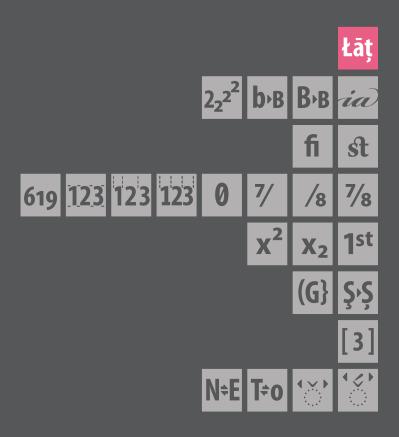
Fira Sans Cond Bold

Technical Documentation



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Encoded Characters

All encoded characters should be accessible with every unicode capable application. For details about Unicode Blocks visist the <u>Unicode Website</u>.

Basic Latin

Block from 0000 to 007F

000D	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E
		ı	11	#	\$	%	&	1	(•	*	+		_	
002F	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	9 003C	003D	003E
0021	0030				_								0030	003D	003L
-	U	1	2	3	4	5	6	7	8	9	•	•	<		>
003F	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E
?	@	A	R	C	D	E	F	G	Н			K	L	M	N
004F	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E
0	P	Q	R	S	T	U	V	W	X	Y	Z	L	1	J	
005F	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E
	•	a	b	C	d	е	f	g	h	i	i	k	l	m	n
		u	IJ		u	C		5			J		•		
006F	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E
O	n	q	r	S	f	u	V	W	X	V	Z	₹		}	~
•	r	4	•	•		~	•		/ \	y	_	l		J	

Latin-1 Supplement

Block from 0080 to 00FF

0 00C1 Å
00C1
Á
00D1
Ñ
00E1
á
00F1
ñ

Latin Extended-A

Block from 0100 to 017F

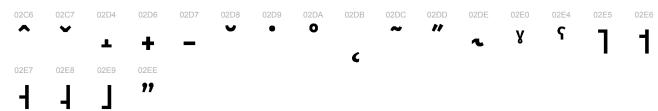
0100	0101	0102	0103	0104	0105	0106	0107	010A	010B	010C	010D	010E	010F	0110	0111
A	ā	Ă	ă	Ą	ą	C	Ć	Č	Ċ	Č	č	Ď	ď	Ð	đ
0112	0113	0116	0117	0118	0119	011A	011B	011E	011F	0120 •	0121	0122	0123	0126	0127
Ē	ē	E	ė	Ę	ę	Ě	ě	Ğ	ğ	Ġ	ġ	Ģ	ģ	Ħ	ħ
012A	012B	012E	012F	0130	0136	0137	0139	013A	013B	013C	013D	013E	013F	0140	0141
Ī		Į	j		Ķ	ķ	L	l	Ļ	ļ	Ľ	ľ	Ŀ	ŀ	Ł
0142	0143	0144	0145	0146	0147	0148	0149	014A	014B	014C	014D	0150	0151	0152	0153
ł	N	n	Ņ	ņ	N	ň	'n	Ŋ	ŋ	0	0	0	Ö	Œ	œ
0154	0155	0156	0157	0158	0159	015A	015B	015E	015F	0160	0161	0162	0163	0164	0165
R	r	Ŗ	ŗ	R	r	S	S	Ş	Ş	Š	Š	Ţ	ţ	T	ť
0166	0167	016A	016B	016E	016F	0170	0171	0172	0173	0174	0175	0176	0177	0178	0179
Ŧ	ŧ	U	u	Ů	u	Ü	ű	Ų	Ų	Ŵ	ŵ	Ŷ	ŷ	Y	Ź
017A	017B	017C	017D	017E				-							
7		7		7											

Latin Extended-B

Block from 0180 to 024F

Spacing Modifier Letters

Block from 02B0 to 02FF



Combining Diacritical Marks

Block from 0300 to 036F

0300 0301 0302 0303 0304 0306 0307 0308 030A 030B 030C 0312 0326 0327 0328

6

Greek and Coptic

Block from 0370 to 03FF

0374 0375 037E 0387 03F0

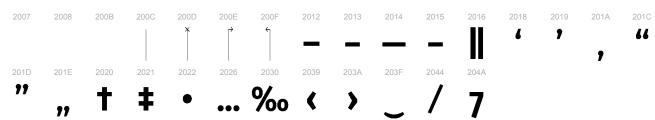
Latin Extended Additional

Block from 1E00 to 1EFF



General Punctuation

Block from 2000 to 206F



Superscripts and Subscripts

Block from 2070 to 209F

2070	2074 4	2075 5	2076 G	2077	2078	2079	207A	207B	207C	207D	207E	2080	2081	2082	2083
2084	2085	2086	2087	2088	2089	9 208A	208B	208C	208D	208E	,	0	1	2	3
1.	5	6	7	Q	0	_		_	1	1					

Currency Symbols

Block from 20A0 to 20CF

20AC 20AF 20B9 20BA 20BI € Dp ₹ ₺ ₽

Letterlike Symbols

Block from 2100 to 214F



Number Forms

Block from 2150 to 218F



Arrows

Block from 2190 to 21FF



Mathematical Operators

Block from 2200 to 22FF



Miscellaneous Technical

Block from 2300 to 23FF



Geometric Shapes

Block from 25A0 to 25FF



Miscellaneous Mathematical Symbols-B

Block from 2980 to 29FF



Latin Extended-D

Block from A720 to A7FF

A789 A78A

: =

Alphabetic Presentation Forms

Block from FB00 to FB4F

FB01 FB02



Arabic Presentation Forms-B

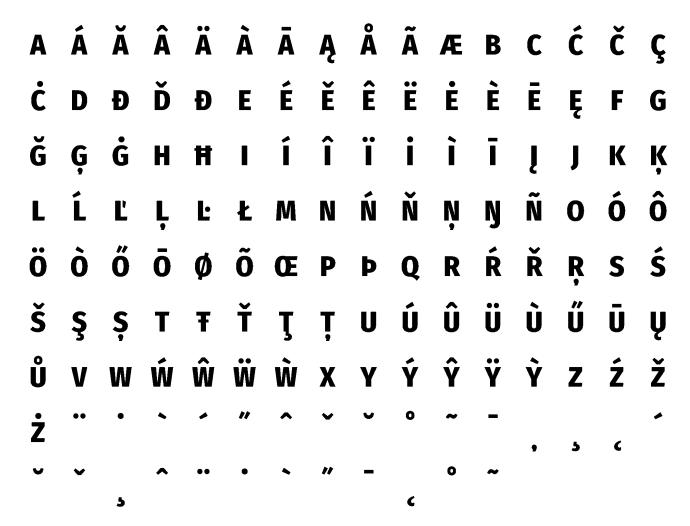
Block from FE70 to FEFF

FEFF

Unencoded Glyphs

All unencoded glyphs are accessible with OpenType layout feature capable applications. For a complete list of supported OpenType layout features see the next section.

Small Capitals From Capitals, Small Capitals



Contextual Alternates, Stylistic Set 3



Case-Sensitive Forms

Discretionary Ligatures



Denominators

Denominators, Fractions

0 1 2 3 4 5 6 7 8 9

Fractions, Numerators

0 1 2 3 4 5 6 7 8 9

Localized Forms

ĆŃÓŚŹćińóśź

Numerators

() = - +

edenspiekermann_

10

Old Style Figures, Proportional Figures

Old Style Figures, Tabular Figures

Small Capitals

FI FL FI FL N B

Tabular Figures

Slashed Zero



Other



OpenType Layout Features

For details about OpenType Layout Features see the OpenType Layout tag registry.

Substitution Features



Access All Alternates

This feature makes all variations of a selected character accessible.



Small Capitals

This feature turns lowercase characters into small capitals. This corresponds to the common SC font layout. It is generally used for display lines set in Large and small caps, such as titles. Forms related to small capitals, such as oldstyle figures, may be included.



Small Capitals From Capitals

This feature turns capital characters into small capitals.



Contextual Alternates

In specified situations, replaces default glyphs with alternate forms which provide better joining behavior.



Standard Ligatures

Replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. This feature covers the ligatures which the designer/manufacturer judges should be used in normal conditions.



Discretionary Ligatures

Replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. This feature covers those ligatures which may be used for special effect, at the user's preference.



Old Style Figures

This feature changes selected figures from the default lining style to oldstyle form.



Lining Figures

This feature changes selected figures from oldstyle to the default lining form.



Proportional Figures

Replaces figure glyphs set on uniform (tabular) widths with corresponding glyphs set on glyph-specific (proportional) widths.



Tabular Figures

Replaces figure glyphs set on proportional widths with corresponding glyphs set on uniform (tabular) widths.



Slashed Zero

Some fonts contain both a default form of zero, and an alternative form which uses a diagonal slash through the counter. This feature allows the user to change from the default 0 to a slashed form.

14

7/

Numerators

Replaces selected figures which precede a slash with numerator figures, and replaces the typographic slash with the fraction slash.



Denominators

Replaces selected figures which follow a slash with denominator figures.



Fractions

Replaces figures separated by a slash with 'common' (diagonal) fractions.



Superscript

Replaces lining or oldstyle figures with superior figures (primarily for footnote indication), and may replace lowercase letters with superior letters (primarily for abbreviated French titles).



Subscript

The "subs" feature may replace a default glyph with a subscript glypht.



Ordinals

Replaces default alphabetic glyphs with the corresponding ordinal forms for use after figures.



Case-Sensitive Forms

Shifts various punctuation marks up to a position that works better with all-capital sequences or sets of lining figures; also changes oldstyle figures to lining figures.



Localized Forms

This feature enables localized forms of glyphs to be substituted for default forms.



Stylistic Set 3

Positioning Features



Capital Spacing

Globally adjusts inter-glyph spacing for all-capital text. Most typefaces contain capitals and lowercase characters, and the capitals are positioned to work with the lowercase. When capitals are used for words, they need more space between them for legibility and esthetics.



Kerning

Adjusts amount of space between glyphs, generally to provide optically consistent spacing between glyphs.



Mark Positioning

Positions mark glyphs with respect to base glyphs.



Mark to Mark Positioning

Positions marks with respect to other marks. Required in various non-Latin scripts like Arabic.

Codepages

MacOS

MacOS Central Europe

MS Windows

MS Windows 1250 Central European

MS Windows 1257 Baltic

ISO

ISO 8859- 2 Latin 2 (Central Europe) ISO 8859-13 Latin 7 (Baltic 2)

ISO 8859-16 Latin 10

Languages

Information about languages is mainly based on the Unicode Common Locale Data Repository. For details visit the <u>Unicode CLDR Project</u>.

Afar Afrikaans Albanian Asu Basque Bemba Bena Bosnian Breton Catalan Chiga Colognian Cornish Croatian Czech Danish Dutch English Estonian Faroese Filipino **Finnish** French Frisian West Friulian

Ga

Galician Ganda German Gusii Hungarian Icelandic Indonesian Interlingua Irish Italian Jju Kabuverdianu Kalenjin Kinyarwanda Koro Kurdish Latvian Lithuanian Low German Luo Luyia Machame Makonde

Malagasy

Malay

Maltese

Manx Maori Moldavian Morisyen North Ndebele Norwegian Bokmål Norwegian Nynorsk Nyanja Nyankole Occitan 0romo Polish Portuguese Romanian Romansh Rombo Rwa Saho Samburu Sami Northern Sango Sena Serbian

Shambala

Shona

Sidamo

Slovenian Soga Somali Sorbian, Lower Sorbian, Upper Sotho, Northern Sotho. Southern South Ndebele Spanish Swahili Swati Swedish Swiss German Taita Taroko Teso Tsonga Tswana Tyap Vunjo Welsh Wolof Xhosa Zulu

Slovak