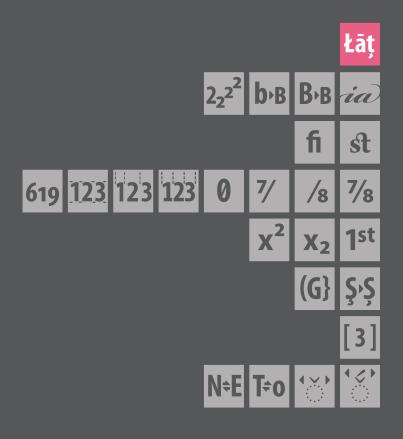
# Fira Sans Cond Ultra Italic

**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 |
|---|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|   |      |         | Į    | ••   | #    | \$   | %    | &    | •    |      |      | *    | +    | •    | _    | •    |
|   | 002F | 0030    | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 003A | 003B | 003C | 003D | 003E |
|   |      | 0       | 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 |
|   | ?    | <b></b> | Δ    | B    | C    | D    | F    | F    | G    | H    |      | 1    | K    | L    | M    | N    |
|   | 004F | 0050    | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 005A | 005B | 005C | 005D | 005E |
| , | Λ    | P       | Q    | R    | 2    | T    |      | 1/   | IAI  | Y    | V    | 7    | ſ    | 1    | 7    | Λ    |
| , | _    |         | •    |      |      |      |      |      |      |      |      |      | L    |      | ı    |      |
|   | 005F | 0060    | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 006A | 006B | 006C | 006D | 006E |
|   | _    |         | a    | b    | C    | d    | e    | f    | g    | h    |      | J    | k    | l    | m    | n    |
|   | 006F | 0070    | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 007A | 007B | 007C | 007D | 007E |
|   | 0    | p       | q    | ľ    | S    | t    | u    | V    | W    | X    | V    | Z    | ł    | 1    | }    | ~    |
|   |      | -       |      |      |      |      |      |      |      |      |      |      | -    | _    |      |      |

## Latin-1 Supplement

### Block from 0080 to 00FF

| 00A0 | 00A1 | 00A2 | 00A3 | 00A4 | 00A5             | 00A6 | 00A7 | 00A8 | 00A9            | 00AB | 00AC | 00AD | 00AE | 00AF | 00B0 |
|------|------|------|------|------|------------------|------|------|------|-----------------|------|------|------|------|------|------|
|      | i    | Ċ    | £    | Ħ    | ¥                |      | §    | ••   | <b>©</b>        | "    | 7    | _    | ®    | _    | 0    |
| 00B1 | 00B2 | 00B3 | 00B4 | 00B5 | 00B6             | 00B7 | 00B8 | 00B9 | 00BB            | 00BC | 00BD | 00BE | 00BF | 00C0 | 00C1 |
| ±    | 2    | 3    |      | Ш    | П                | •    |      | 1    | <b>&gt;&gt;</b> | 1/4  | 1/2  | 3/4  | ;    | À    | Á    |
| 00C2 | 00C3 | 00C4 | 00C5 | 00C6 | 00C7             | 00C8 | 00C9 | 00CA | 00CB            | 00CC | 00CD | 00CE | 00CF | 00D0 | 00D1 |
| Â    | Ã    | Ä    | Å    | Æ    | Ç                | È    | É    | Ê    | Ë               | Ì    | Í    | Î    | Ï    | Đ    | Ñ    |
| 00D2 | 00D3 | 00D4 | 00D5 | 00D6 | <b>3</b>         | 00D8 | 00D9 | 00DA | 00DB            | 00DC | 00DD | 00DE | 00DF | 00E0 | 00E1 |
| Õ    | Ó    | Ö    | Õ    | Ö    | ×                | Ø    | Ù    | Ú    | Û               | Ü    | Ý    | Þ    | ß    | à    | á    |
| 00E2 | 00E3 | 00E4 | 00E5 | 00E6 | 00E7             | 00E8 | 00E9 | 00EA | 00EB            | 00EC | 00ED | 00EE | 00EF | 00F0 | 00F1 |
| â    | ã    | ä    | å    | æ    | Ç                | è    | é    | ê    | ë               | ì    | í    | î    | ï    | ð    | ñ    |
| 00F2 | 00F3 | 00F4 | 00F5 | 00F6 | <b>3</b><br>00F7 | 00F8 | 00F9 | 00FA | 00FB            | 00FC | 00FD | 00FE | 00FF |      |      |
| ò    | ó    | ô    | õ    | ö    | •                | ø    | ù    | ú    | û               | ü    | Ý    | h    | Ÿ    |      |      |
|      |      |      |      |      | -                |      |      |      |                 |      | 7    |      | J    |      |      |

### 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    | A    | ă    | Ą    | ą    | C    | Č    | Ċ    | Č         | Č    | Č    | D    | ď    | Đ    | đ    |
| 0112 | 0113 | 0116 | 0117 | 0118 | 0119 | 011A | 011B | 011E | 011F      | 0120 | 0121 | 0122 | 0123 | 0126 | 0127 |
| E    | ē    | E    | ė    | Ę    | ę    | Ē    | ě    | Ğ    | ğ         | G    | ġ    | G    | ġ    | Ħ    | ħ    |
| 012A | 012B | 012E | 012F | 0130 | 0136 | 0137 | 0139 | 013A | 013B      | 013C | 013D | 013E | 013F | 0140 | 0141 |
| Ī    | Ī    | J    | j    |      | K    | k    | L    | l    | L         | l    | Ľ    | ľ    | Ŀ    | ŀ    | Ł    |
| 0142 | 0143 | 0144 | 0145 | 0146 | 0147 | 0148 | 0149 | 014A | ●<br>014B | 014C | 014D | 0150 | 0151 | 0152 | 0153 |
| ł    | Ń    | ń    | Ņ    | n    | N    | ň    | 'n   | Ŋ    | n         | 0    | Ō    | Ő    | Ő    | Œ    | œ    |
| 0154 | 0155 | 0156 | 0157 | 0158 | 0159 | 015A | 015B | 015E | 015F      | 0160 | 0161 | 0162 | 0163 | 0164 | 0165 |
| R    | ř    | R    | ľ    | R    | ř    | Ś    | Ś    | Ş    | Ş         | 5    | Š    | Ţ    | t    | T    | ť    |
| 0166 | 0167 | 016A | 016B | 016E | 016F | 0170 | 0171 | 0172 | 0173      | 0174 | 0175 | 0176 | 0177 | 0178 | 0179 |
| Ŧ    | ŧ    | U    | Ū    | Ů    | Ŭ    | Ű    | Ü    | Ų    | IJ        | Ŵ    | ŵ    | Ŷ    | ŷ    | Y    | Z    |
| 017A | 017B | 017C | 017D | 017E |      |      |      | •    | •         |      |      |      |      |      |      |
| Ž    | Z    | ż    | Z    | ž    |      |      |      |      |           |      |      |      |      |      |      |

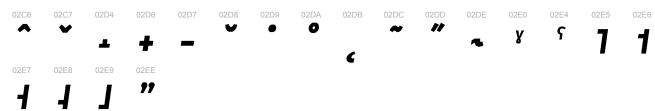
### Latin Extended-B

Block from 0180 to 024F

0192 0218 0219 021A 021E **f S s T t** 

## **Spacing Modifier Letters**

Block from 02B0 to 02FF



## **Combining Diacritical Marks**

Block from 0300 to 036F

6

## **Greek and Coptic**

### Block from 0370 to 03FF

0374 0375 037E 0387 03FG

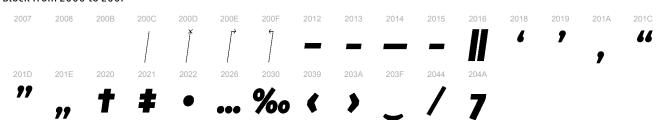
### Latin Extended Additional

### Block from 1E00 to 1EFF



### **General Punctuation**

#### Block from 2000 to 206F



## Superscripts and Subscripts

### Block from 2070 to 209F

| 2070 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 207A | 207B | 207C | 207D | 207E | 2080 | 2081 | 2082 | 2083 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0    | 4    | 5    | 6    | 7    | 8    | 9    | +    | _    | =    | (    | )    | •    | 4    | •    | 3    |
| 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 208A | 208B | 208C | 208D | 208E |      | U    | 1    |      | 3    |
|      |      |      |      |      |      |      |      |      |      | •    |      |      |      |      |      |

## **Currency Symbols**

### Block from 20A0 to 20CF

20AC 20AF 20B9 20BA 20BD € DO ₹ ₺ ₽

## 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

25AF 25CA

## Miscellaneous Mathematical Symbols-B

Block from 2980 to 29FF

2999

## Latin Extended-D

### Block from A720 to A7FF

A789 A78A

· =

## **Alphabetic Presentation Forms**

Block from FB00 to FB4F



## 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** 



10

**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** 

Ć Ń Ó Ś Ź i ć ń ó ś ź ć ń ó ś ź

**Numerators** 

( ) = - +

### Old Style Figures, Proportional Figures

### Old Style Figures, Tabular Figures

### **Small Capitals**

### FI FL FI FL N B

### **Tabular Figures**

## Slashed Zero









## 0ther



## 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

Shona

Sidamo

Shambala

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