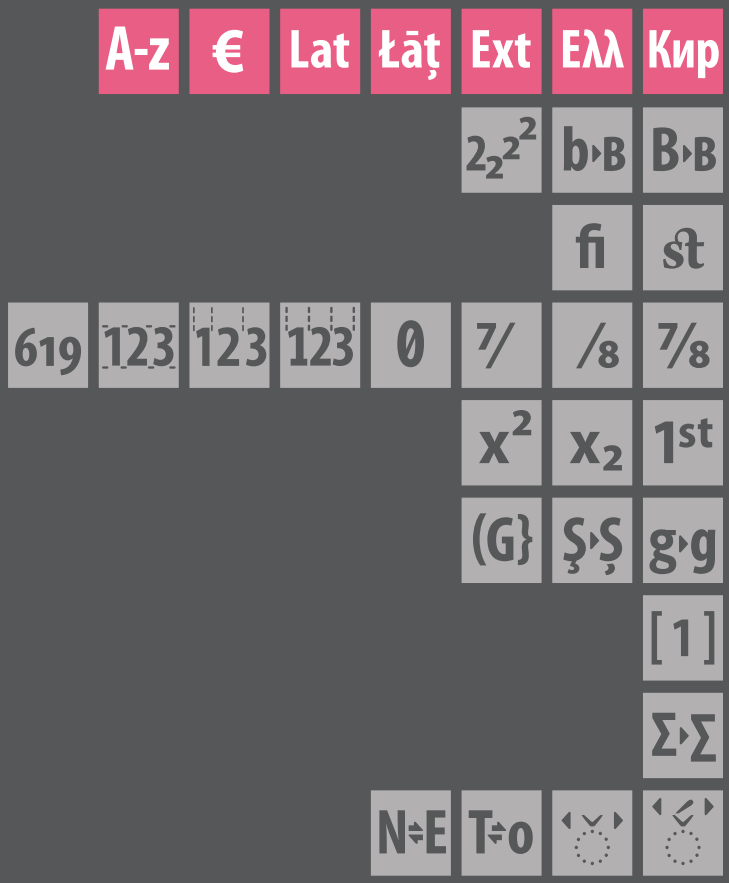
Fira Sans ExtraBold

Carrois' Technical Documentation



Carrois Corporate & Edenspiekermann AG

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Encoded Characters

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

Basic Latin

Block from 0000 to 007F

Latin-1 Supplement

Block from 0080 to 00FF

Latin Extended-A

Block from 0100 to 017F

Latin Extended-B

Block from 0180 to 024F

IPA Extensions

Block from 0250 to 02AF

Spacing Modifier Letters

Block from 02B0 to 02FF

Combining Diacritical Marks

Block from 0300 to 036F

Greek and Coptic

Block from 0370 to 03FF

03B8	03B9	03BA	03BB	03BC	03BD	03BE	03BF	03C0	03C1	03C2	03C3	03C4	03C5	03C6	03C7
θ	ι	κ	λ	μ	ν	ξ	ο	π	ρ	ς	σ	τ	υ	φ	χ
03C8	03C9	03CA	03CB	03CC	03CD	03CE									
ψ	ω	ϊ	ϋ	ό	ύ	ώ									

Cyrillic

Block from 0400 to 04FF

0400	0401	0402	0403	0404	0405	0406	0407	0408	0409	040A	040B	040C	040D	040E	040F
Ѐ	Ё	Ђ	Ѓ	Є	S	I	Ї	Ј	Љ	Њ	Ћ	Ќ	Й	Ў	Џ
0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	041A	041B	041C	041D	041E	041F
А	Б	В	Г	Д	Е	Ж	З	И	Й	К	Л	М	Н	О	П
0420	0421	0422	0423	0424	0425	0426	0427	0428	0429	042A	042B	042C	042D	042E	042F
Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э	Ю	Я
0430	0431	0432	0433	0434	0435	0436	0437	0438	0439	043A	043B	043C	043D	043E	043F
а	б	в	г	д	е	ж	з	и	й	к	л	м	н	о	п
0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	044A	044B	044C	044D	044E	044F
р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э	ю	я
0450	0451	0452	0453	0454	0455	0456	0457	0458	0459	045A	045B	045C	045D	045E	045F
ѐ	ё	ђ	ѓ	є	s	i	ї	ј	љ	њ	ћ	ќ	й	ў	џ
0462	0463	0472	0473	0474	0475	0490	0491	0492	0493	0496	0497	0498	0499	049A	049B
Ѣ	ѣ	Ѳ	ѳ	V	v	Ґ	ґ	Ғ	ғ	Җ	җ	Ҙ	ҙ	Қ	қ
049C	049D	04A0	04A1	04A2	04A3	04AA	04AB	04AC	04AD	04AE	04AF	04B0	04B1	04B2	04B3
Ҝ	ҝ	Ҟ	ҟ	Ң	ң	Ҫ	ҫ	Ҭ	ҭ	Ү	ү	Ұ	ұ	Ҳ	ҳ
04B6	04B7	04B8	04B9	04BA	04BB	04C0	04C1	04C2	04CB	04CC	04CF	04D0	04D1	04D2	04D3
Ҷ	ҷ	Ҹ	ҹ	Һ	һ	I	Ӂ	ӂ	Ӌ	ӌ	l	Ă	ă	Ä	ä
04D4	04D5	04D6	04D7	04D8	04D9	04DA	04DB	04DC	04DD	04DE	04DF	04E2	04E3	04E4	04E5
Æ	æ	Ĕ	ĕ	Ә	ә	Ӛ	ӛ	Ӝ	ӝ	Ӟ	ӟ	Ӣ	ӣ	Ӥ	ӥ
04E6	04E7	04E8	04E9	04EA	04EB	04EC	04ED	04EE	04EF	04F0	04F1	04F2	04F3	04F4	04F5
Ӧ	ӧ	Ө	ө	Ӫ	ӫ	Ӭ	ӭ	Ӯ	ӯ	Ӱ	ӱ	Ӳ	ӳ	Ӵ	ӵ
04F6	04F7	04F8	04F9												
Ӷ	ӷ	Ӹ	ӹ												

Cyrillic Supplement

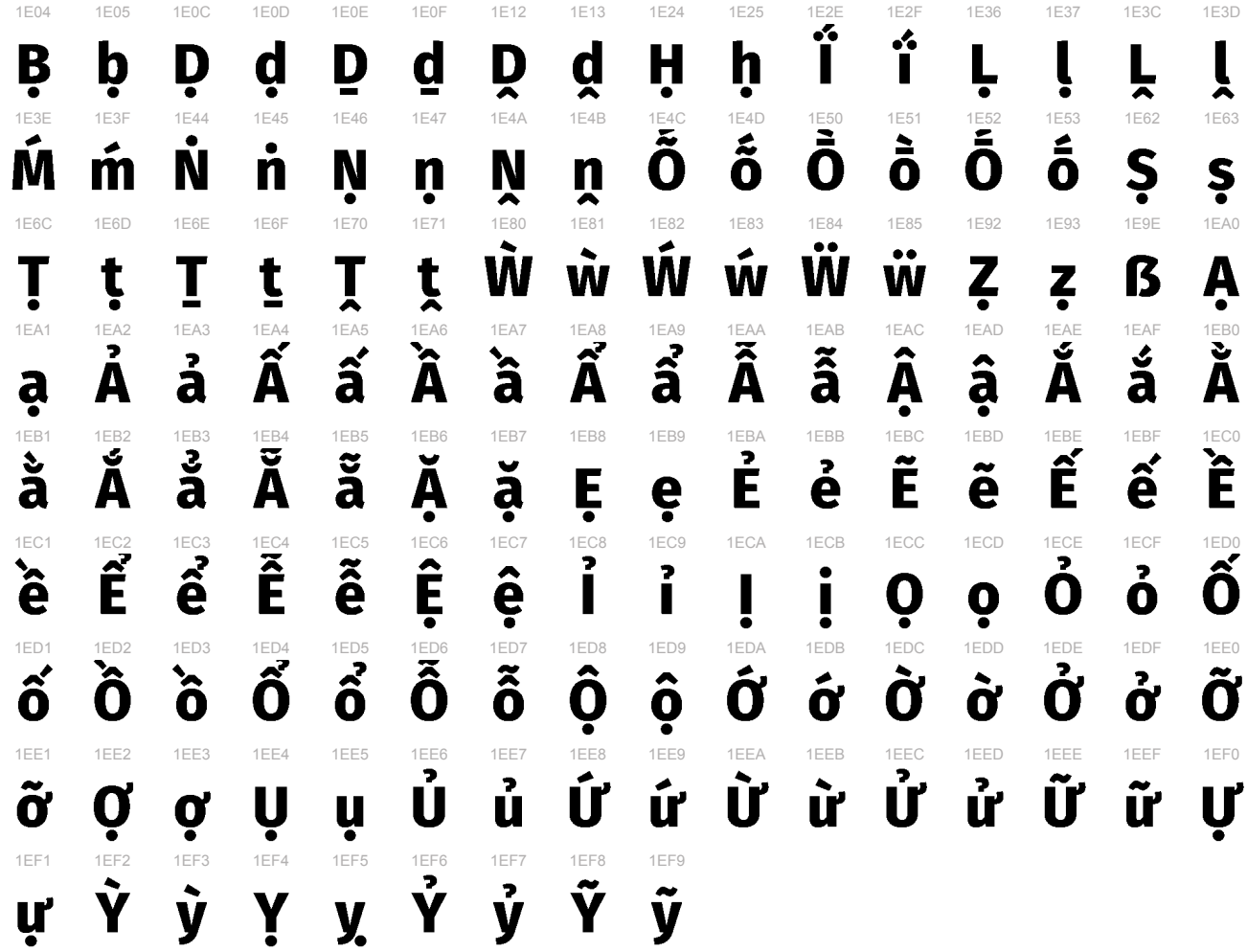
Block from 0500 to 052F

Combining Diacritical Marks Supplement

Block from 1DC0 to 1DFF

Latin Extended Additional

Block from 1E00 to 1EFF

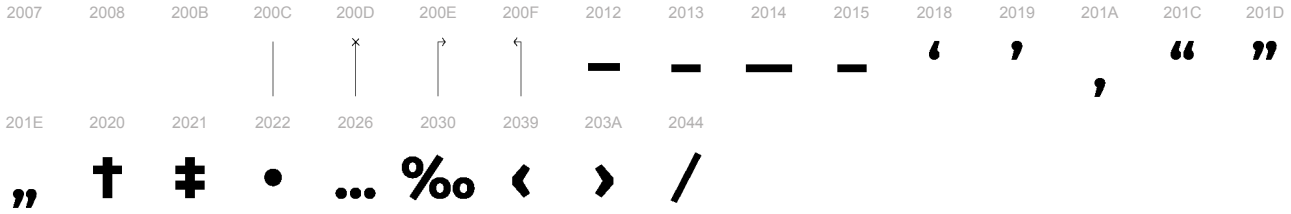


Greek Extended

Block from 1F00 to 1FFF

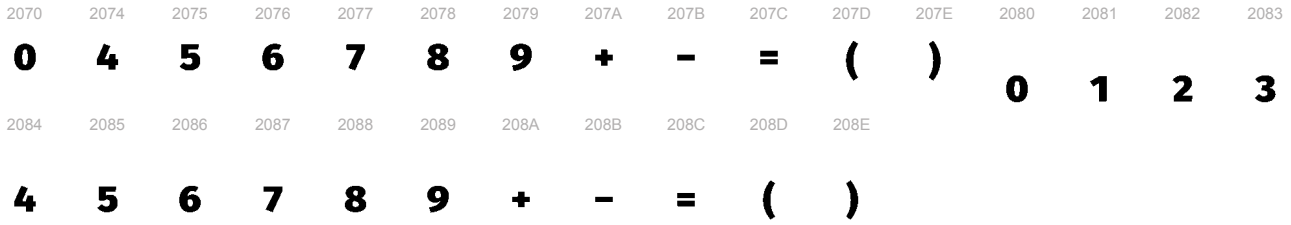
General Punctuation

Block from 2000 to 206F



Superscripts and Subscripts

Block from 2070 to 209F



Currency Symbols

Block from 20A0 to 20CF

Letterlike Symbols

Block from 2100 to 214F

Number Forms

Block from 2150 to 218F

2153 2154 2155 2156 2157 2158 2159 215A 215B 215C 215D 215E 215F

Arrows

Block from 2190 to 21FF

2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 21E6 21E7 21E8 21E9 21EA

Mathematical Operators

Block from 2200 to 22FF

2202 2205 2206 220F 2211 2212 2215 2219 221A 221E 222B 2248 2260 2264 2265 22C5

Miscellaneous Technical

Block from 2300 to 23FF

2326 2327 2328 232B 23CE

Geometric Shapes

Block from 25A0 to 25FF

25AF 25CA

Dingbats

Block from 2700 to 27BF

27A1

Miscellaneous Symbols and Arrows

Block from 2B00 to 2BFF

2B05 2B06 2B07

Latin Extended-C

Block from 2C60 to 2C7F

2C64 2C6D 2C72 2C73

Latin Extended-D

Block from A720 to A7FF

A78B A78C A78D A7AA A7AD A7AE A7B2 A7B3 A7B4 A7B5 A7B6 A7B7

unassigned Block

Block from AB30 to ABBF

AB53

Private Use Area

Block from E000 to F8FF

E000 E001 E002 E003

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 From Capitals, Small Capitals

Ţ Ꞇ Ţ Ţ U Ú Ʉ Ǔ Ŭ Û Ü Ű Ǔ Ů Ū Ų
Ù Ủ Ư Ứ Ự Ừ Ử Ữ Ű Ū Ų Ů Ũ V U W
Ẃ Ŵ Ẅ Ẁ W X Y Ý Ŷ Ÿ Ỵ Ỳ Y Ỷ Ỹ Z
Ź Ž Ż Ẓ А Б В Г Ґ Ґ Д Е È Ё Ж З
И Й Ѝ К Ќ Л М Н О П Р С Т У Ў Ф
Х Ч Ц Ш Щ Ц Я Ь Ъ Ы Љ Њ S Є Э І
Ї Ј Ћ Ю Ђ Ъ Ѳ V Ғ Ж Ӂ Қ Ҝ Ҡ Ң Ҧ
Ç Ţ Y Ұ Ҳ Ҷ Ч h Ң I Ҷ Ă Ä Æ Ĕ Ə
Ə Ӣ Ө Ӧ Ӭ Ӯ Ӱ Ӳ Ӵ Ғ Ы W A В Г Д
Е Z Н Θ І К Λ М N Ξ О П Р Σ Т Y
Ф Х Ψ Ω І Ї Y Ÿ О Ω А Е Н Á Ă Ā
È É Ѝ Ѓ Ì Í Ǐ Ī Ὼ Ώ ´ ˘ ˇ ˛ ˆ ,
¨ • ` ″ – ¸ ° ~ ˇ Ⱡ Ɉ Χ β ѡ I

Case-Sensitive Forms

¡ ¿ { } [ ] ( ) — – - - « » ‹ ›
∞ ´ ˘ ˇ ¸ ˆ ¨ • ` ″ – ° ~ ˛ ’ ,

, ˘

Discretionary Ligatures

fi fl

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

0 1 2 3 4 5 6 7 8 9 # – ¢ ¤ $ €

₺ ₽ ₹ £ ¥ ≈ ~ ÷ = > ≥ ∞ ∫ < ≤ ¬

− × ≠ ∂ % ‰ + ± ∏ √ Σ ◊ § ° † ‡

Old Style Figures, Tabular Figures

0 1 2 3 4 5 6 7 8 9 # – ¢ ¤ $ €

₺ ₽ ₹ £ ¥ ≈ ~ ÷ = > ≥ ∞ ∫ < ≤ ¬

− × ≠ ∂ % ‰ + ± ∏ √ Σ ◊ § ° † ‡

Stylistic Alternates, Stylistic Set 1

Б Ч Ŋ Ɲ ƈ ƥ ч ƈ б ŋ ɲ

Small Capitals

ɑ Ð ə ﬁ ﬂ ﬁ ﬂ ı ĸ ɴ ʀ ʌ ƨ Ï Ÿ Ã

Ĥ Ĩ Ǐ Ǐ Ĩ Ò Ó Ỳ Ý Ỹ Ỳ Ȳ Ŷ Ý Ỹ Ω̃

Tabular Figures

0 1 2 3 4 5 6 7 8 9 # – ¢ ¤ $ €

₺ ₽ ₹ £ ¥ ≈ ~ ÷ = > ≥ ∞ ∫ < ≤ ¬

− × ≠ ∂ % ‰ + ± ∏ √ Σ ◊ § ° † ‡

Slashed Zero

0 0 0 0

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.

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.

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 Alternates

Many fonts contain alternate glyph designs for a purely esthetic effect; these don't always fit into a clear category like swash or historical. This feature replaces the default forms with the stylistic alternates.

Stylistic Set 1

Glyphs in stylistic sets may be designed to harmonise visually, interract in particular ways, or otherwise work together.

Mathematical Greek

Replaces standard typographic forms of Greek glyphs with corresponding forms commonly used in mathematical notation (which are a subset of the Greek alphabet).

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
MacOS Croatian
MacOS Cyrillic
MacOS Greek
MacOS Icelandic
MacOS Roman
MacOS Romanian
MacOS Turkish

MS Windows

MS Windows 1250 Central European
MS Windows 1251 Cyrillic
MS Windows 1252 Western (ANSI)
MS Windows 1253 Greek
MS Windows 1254 Turkish
MS Windows 1257 Baltic

ISO

ISO 8859- 1 Latin 1 (Western)
ISO 8859- 2 Latin 2 (Central Europe)
ISO 8859- 3 Latin 3 (Tu, Malt, Gal, Esp)
ISO 8859- 4 Latin 4 (Baltic)
ISO 8859- 5 Cyrillic
ISO 8859- 9 Latin 5 (Turkish)
ISO 8859-10 Latin 6 (Scandinavian)
ISO 8859-13 Latin 7 (Baltic 2)
ISO 8859-15 Latin 9
ISO 8859-16 Latin 10

Languages

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

Latin

Afar
Afrikaans
Akan
Albanian
Asu
Azerbaijani
Bambara
Basque
Bemba
Bena
Bosnian
Breton
Catalan
Chiga
Cornish
Crimean Tatar
Croatian
Czech
Danish
Dutch
Embu
English
Esperanto
Estonian
Ewe
Faroese
Filipino
Finnish
French
Frisian West
Friulian
Fulah
Ga
Galician
Ganda
German
Gusii
Hausa
Hungarian
Icelandic
Igbo
Indonesian
Interlingua
Irish
Italian
Jju
Kabuverdianu
Kalaallisut
Kalenjin
Kamba
Kikuyu
Kinyarwanda
Koro
Koyra Chiini
Koyraboro Senni
Kpelle
Kurdish
Langi
Latvian
Lingala
Lithuanian
Low German
Luo
Luyia
Machame
Makonde
Malagasy
Malay
Maltese
Manx
Maori
Masai
Meru
Moldavian
Morisyen
Nama
North Ndebele
Norwegian Bokmål
Norwegian Nynorsk
Nyanja
Nyankole
Occitan
Oromo
Polish
Portuguese
Romanian
Romansh
Rombo
Rwa
Saho
Samburu
Sami Northern
Sango
Sena
Serbian
Shambala
Shona
Sidamo
Slovak
Slovenian
Soga
Somali
Sorbian, Lower
Sorbian, Upper
Sotho, Northern
Sotho, Southern
South Ndebele
Spanish
Swahili
Swati
Swedish
Swiss German
Taita
Taroko
Teso
Tsonga
Tswana
Turkish
Tyap
Venda
Vietnamese
Vunjo
Welsh
Wolof
Xhosa
Yoruba
Zulu

Cyrillic

Azerbaijani
Bashkir
Belarusian
Bulgarian
Buriat
Chechen
Kazakh
Macedonian
Mongolian
Russian
Serbian
Tajik
Tatar
Uighur
Ukrainian
Uzbek

Greek

Greek