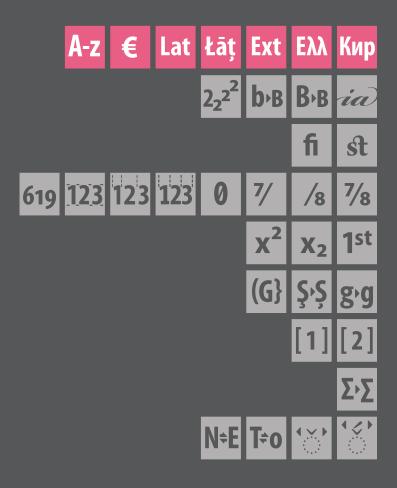
Fira Sans UltraLight Italic

Carrois' 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
		!	11	#	\$	%	&	1	()	*	+	,	_	
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
?	<u>a</u>	A	В	C	D	Е	F	G	Н	1	J	K	L	\mathcal{M}	Ν
004F	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E
0	P	Q	R	S	T	U	\bigvee	W	X	Y	Z]	\wedge
005F	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E
_	`	а	b	C	d	е	f	g	h	i	j	k	l	m	n
006F	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E
0	р	q	r	S	t	U	V	W	X	У	Ζ	$\left\{ \right.$		}	~

Latin-1 Supplement

Block from 0080 to 00FF

00A0	00A1	00A2	00A3	00A4	00A5	00A6	00A7	00A8	00A9	00AA	00AB	00AC	00AD	00AE	00AF
	i	¢	£	¤	¥	 	§	••	©	а –	<i><<</i>	\neg	_	R	_
00B0	00B1	00B2	00B3	00B4	00B5	00B6	00B7	00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF
0	<u>+</u>	2	3	/	μ	9		5	1	0	<i>>>></i>	1/4	$1/_{2}$	3/4	نے
00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	ĺ	Î	Ϊ
00D0	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	00DD	00DE	00DF
Đ	Ñ	Ò	Ó	Ô	$\tilde{\cap}$	Ö		ϕ	11	11	ı^ı	i'i	1	L	0
	1 V	\cup	\cup	\cup	\cup	\cup	×	\emptyset	U	U	U	Ü	Y	Þ	JS
00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7	OOE8	00E9	00EA	00EB	00EC	Y 00ED	D 00EE	JS OOEF
ooeo à	00E1	00E2 \hat{a}	00E3 \tilde{a}	00E4 \ddot{a}	00E5 å	_		-		ooea ê	00EB ë	_	Y 00ED		JS 00EF 1
00E0	_	^				00E6	00E7	00E8	00E9			_	Y 00ED 1 00FD	00EE	JS OOEF I

Latin Extended-A

Block from 0100 to 017F

0100	0101	0102	0103	0104	0105	0106	0107	0108	0109	010A	010B	010C	010D	010E	010F
Ā	ā	Ă	ă	Ą	ą	Ć	Ć	Ĉ	Ĉ	Ċ	Ċ	Č	Č	Ď	ď
0110	0111	0112	0113	0114	0115	0116	0117	0118	0119	011A	011B	011C	011D	011E	011F
Đ	đ	Ē	ē	Ĕ	ĕ	Ė	ė	Ę	ę	Ě	ě	Ĝ	ĝ	Ğ	ğ
0120	0121	0122	0123	0124	0125	0126	0127	0128	0129	012A	012B	012C	012D	012E	012F
Ġ	ġ	Ģ	ģ	Ĥ	ĥ	Ħ	ħ	Ĩ	ĩ	Ī	Ī	Ĭ	Ĭ	Į	į
0130	0131	0132	0133	0134	0135	0136	0137	0138	0139	013A	013B	013C	013D	013E	013F
j	1	IJ	ij	Ĵ	Ĵ	Ķ	ķ	Κ	Ĺ	ĺ	Ļ	ļ	Ľ	ľ	Ŀ
0140	0141	0142	0143	0144	0145	0146	0147	0148	0149	014A	014B	014C	014D	014E	014F
Į·	Ł	t	Ń	ń	Ņ	ņ	Ň	ň	'n	Ŋ	ŋ	Ō	Ō	Ŏ	Ŏ
0150	0151	0152	0153	0154	0155	0156	0157	0158	0159	015A	015B	015C	015D	015E	015F
Ő	Ő	Œ	œ	Ŕ	ŕ	Ŗ	ŗ	Ř	ř	Ś	Ś	Ŝ	Ŝ	Ş	Ş
0160	0161	0162	0163	0164	0165	0166	0167	0168	0169	016A	016B	016C	016D	016E	016F
Š	Š	Ţ	ţ	Ť	ť	Ŧ	ŧ	Ũ	$\tilde{\mathcal{U}}$	Ū	Ū	Ŭ	ŭ	Ů	ů
0170	0171	0172	0173	0174	0175	0176	0177	0178	0179	017A	017B	017C	017D	017E	
Ű	ű	Ų	Ų	Ŵ	Ŵ	Ŷ	ŷ	Ÿ	Ź	Ź	Ż	ż	Ž	ž	

Latin Extended-B

Block from 0180 to 024F

0180	0181	0182	0183	0184	0185	0186	0187	0188	0189	018A	018B	018C	018D	018E	018F
Đ	\mathcal{B}	Б	Б	Ь	Ь	\mathcal{I}	C	C	Đ	\mathcal{D}	В	đ	9	\exists	∂
0190	0191	0192	0193	0194	0195	0196	0197	0198	0199	019A	019B	019C	019D	019E	019F
\mathcal{E}	F	f	G	\bigvee	h	L	+	K	R	t	Ă	Ш	N	η	Θ
01A0	01A1	01A2	01A3	01A4	01A5	01A6	01A7	01A8	01A9	01AA	01AB	01AC	01AD	01AE	01AF
O	O	0	07	\mathcal{P}	р	R	S	S	\sum	9	ţ	\mathcal{T}	f	T	Ű
01B0	01B1	01B2	01B3	01B4	01B5	01B6	01B7	01B8	01B9	01BA	01BB	01BC	01BD	01BE	01BF
01B0 U	01B1	01B2	01B3			01B6 Z							01BD 5	01BE 5	01BF
01B0 <i>U</i> 01C0	01B1 01C1	01B2 <i>U</i> 01C2													
U'	\bigcirc	U	Y	У	Z	Z 01C6	3	2	<u>S</u>	3	2	5	5	5	P
U'	\bigcirc	U 01C2	O1C3	У	Z 01C5	Z 01C6	3	01C8	<u>S</u>	3 01CA	2 01CB	5	5 01CD	5 01CE	P

01E0	01E1	01E2	01E3	01E4	01E5	01E6	01E7	01E8	01E9	01EA	01EB	01EC	01ED	01EE	01EF
Ā	ā	Ē	æ	G	g	Ğ	ğ	Ř	Ř	Q	Q	Ō	Ō	Ž	ž
01F0	01F1	01F2	01F3	01F4	01F5	01F6	01F7	01F8	01F9	01FA	01FB	01FC	01FD	01FE	01FF
Ĭ	DΖ	Dz	dz	Ğ	ģ	\mathcal{H}	P	Ň	ñ	Á	á	Á	Ŕ	Ø	Ø
0200	0201	0202	0203	0204	0205	0206	0207	0208	0209	020A	020B	020C	020D	020E	020F
Ä	ä	Â	â	Ë	ë	Ê	ê	Ï	Ï	Î	Î	Ö	Ö	Ô	Ô
0210	0211	0212	0213	0214	0215	0216	0217	0218	0219	021A	021B	021C	021D	021E	021F
Ř	ř	Ŕ	r	Ù	ũ	Û	Û	Ş	Ş	Ţ	ţ	3	3	Ě	ň
0220	0221	0222	0223	0224	0225	0226	0227	0228	0229	022A	022B	022C	022D	022E	022F
η	d_{b}	8	8	Z	Z	À	à	Ę	ę	Ö	Ö	Ō	Ō	Ò	Ò
0230	0231	0232	0233	0234	0235	0236	0237	0238	0239	023A	023B	023C	023D	023E	023F
Ò	Ō	Ÿ	<u></u> \bar{y}	b	No	ţ	J	ф	ϕ	A	ot C	$ ot\subset $	Ł	7	Ş
0240	0241	0242	0243	0244	0245	0246	0247	0248	0249	024A	024B	024C	024D	024E	024F
Z	7	7	₿	U	\land	$\not\! E$	\mathscr{Q}	f	j	Q	Q	R	f	\forall	\not

IPA Extensions

Block from 0250 to 02AF

0250	0251	0252	0253	0254	0255	0256	0257	0258	0259	025A	025B	025C	025D	025E	025F
P	а	D	Б	Э	6	q	ď	9	Э	\mathcal{J}^{ι}	3	3	3"	В	ţ
0260	0261	0262	0263	0264	0265	0266	0267	0268	0269	026A	026B	026C	026D	026E	026F
g	g	G	Y	γ	Ч	ĥ	Ŋ	j	l	Ι	t	ł	L	13	Ш
0270	0271	0272	0273	0274	0275	0276	0277	0278	0279	027A	027B	027C	027D	027E	027F
Щ	m	Ŋ	η	Ν	θ	Œ	Θ	ф	1	1	1	r	ľ	ſ	7
0280	0281	0282	0283	0284	0285	0286	0287	0288	0289	028A	028B	028C	028D	028E	028F
R	R	Ş	\int	Ţ	7	J	7	t	tt	\mathcal{O}	U	\land	\mathcal{M}	\bigwedge	Y
0290	0291	0292	0293	0294	0295	0296	0297	0298	0299	029A	029B	029C	029D	029E	029F
Z	4	3	3	7	9	5	\mathcal{C}	\odot	В	\mathcal{D}	G	Н	j	K	L
02A0	02A1	02A2	02A3	02A4	02A5	02A6	02A7	02A8	02A9	02AA	02AB	02AC	02AD	02AE	02AF
q	7	5	dz	dz	ď.	ts	IJ	t6	fŋ	ls	lz	W W	n n	Ч	Y

Spacing Modifier Letters

Block from 0	12B0 to	02FF
--------------	---------	------

02B0	02B1	02B2	02B4	02B7	02B8	02BB	02BC	02BF	02C0	02C6	02C7	02C8	02CA	02CB	02CC
h	ĥ	j	١	W	У	1	,	(2	^	~	1	-	`	
															I
02CE	02CF	02D0	02D1	02D4	02D6	02D7	02D8	02D9	02DA	02DB	02DC	02DD	02DE	02E0	02E1
		_	_				$\overline{}$	•	0		~	"		V	- 1
		7	•	1	+	_	J	•	0		~	"	1	Y	l
02E2	02E3	02E4	▼ 02E5	⊥ 02E6	+ 02E7	 02E8	02E9	• 02EE	0	C	~	"	1	γ	l
		4		02E6	+ 02E7 -		02E9	02EE	o	C	~	"	1	γ	l

Combining Diacritical Marks

Block from 0300 to 036F

0300	0301	0302	0303 ~	0304	0306	0307	0308	0309	030A o	030B	030C	030D	030F	0311	0313
0314	0316	0317	0318	0319	031A 7	031B	031C	031D	031E	031F	0320	0321	0323	0324	0325
0326	0327	0328	+ 0329	⊢ 032A	032B	032C	(032D	⊥ 032F	T 0330	+ 0331	- 0332) 0334	0339	033A	o 033B
, 033C	5 033D X	C 035C	0361	П	w	~	^	^	~	-	-	~)	u	<i>-</i>

Greek and Coptic

Block from 0370 to 03FF

0384	0385	0386	0388	0389	038A	038C	038E	038F	0390	0391	0392	0393	0394	0395	0396
,	.4	A	E	Ή	7	\bigcirc	Ύ	Ω	Ϊ	A	В	Γ	\triangle	Е	Z
0397	0398	0399	039A	039B	039C	039D	039E	039F	03A0	03A1	03A3	03A4	03A5	03A6	03A7
Н	Θ	1	K	\wedge	\mathcal{M}	N	Ξ	0	П	P	Σ	T	Y	Ф	X
03A8	03A9	03AA	03AB	03AC	03AD	03AE	03AF	03B0	03B1	03B2	03B3	03B4	03B5	03B6	03B7
Ψ	\bigcap	Ϊ	Ÿ	ά	É	ή	ĺ	ΰ	α	β	γ	δ	3	ζ	η
03B8	03B9	0004													
	ООВО	03BA	03BB	03BC	03BD	03BE	03BF	03C0	03C1	03C2	03C3	03C4	03C5	03C6	03C7
θ	l	К	03BB	озвс	03BD	03BE		03C0		03C2	03C3	03C4	03C5	03C6 P	03C7
03C8	03C9		``			_									

Cyrillic

חור	0100		01 55
Block from	11/. [11]	ItΛ	11/11-1
DIUCKTIUIII	U+UU	LU	V 4 11

0400	0401	0402	0403	0404	0405	0406	0407	0408	0409	040A	040B	040C	040D	040E	040F
È	Ë	Ђ	Ĺ	ϵ	S	1	Ϊ	J	Љ	Н	ħ	Ŕ	Й	Ў	Џ
0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	041A	041B	041C	041D	041E	041F
A	Б	В	Γ	Д	Ε	Ж	3	И	Й	К	Л	M	Н	0	П
0420	0421	0422	0423	0424	0425	0426	0427	0428	0429	042A	042B	042C	042D	042E	042F
P	C	T	У	Ф	X	Ц	4	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	S	9	е	Ж	3	U	Ŭ	К	Л	Μ	Н	0	П
0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	044A	044B	044C	044D	044E	044F
р	C	m	У	ф	X	Ц	4	Ш	Щ	Ъ	Ы	Ь	Э	Ю	Я
0450	0451	0452	0453	0454	0455	0456	0457	0458	0459	045A	045B	045C	045D	045E	045F
è	ë	ħ	È	ϵ	S	İ	ï	j	Љ	Њ	ħ	Ŕ	Ù	Ĭ	Ų
0462	0463	0472	0473	0474	0475	0490	0491	0492	0493	0496	0497	0498	0499	049A	049B
Б	5	Θ	θ	\bigvee	V	Γ	۲	F	S	Ж	Ж	3	3	Қ	Қ
049C	049D	04A0	04A1	04A2	04A3	04AA	04AB	04AC	04AD	04AE	04AF	04B0	04B1	04B2	04B3
K	К	K	К	Ц	Ң	Ç	Ç	Ţ	m	Y	Y	¥	¥	X	X
04B6	04B7	04B8	04B9	04BA	04BB	04C0	04C1	04C2	04CB	04CC	04CF	04D0	04D1	04D2	04D3
Ч	4	Щ	4	h	h	1	Ж	Ж	4	Y	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	∂	Э	Ä	$\ddot{\partial}$	Ж	:: Ж	3	3	Й	Ū	Й	Ü
04E6	04E7	04E8	04E9	04EA	04EB	04EC	04ED	04EE	04EF	04F0	04F1	04F2	04F3	04F4	04F5
Ö	Ö	θ	θ	$\ddot{\Theta}$	$\ddot{\theta}$	Ë	Ë	ý	Ī	ÿ	ÿ	ý	ÿ	Ÿ	ÿ
04F6	04F7	04F8	04F9												
Ţ	Ş	Ы	 Ы												

Cyrillic Supplement

Block from 0500 to 052F

Phonetic Extensions

Block from 1D00 to 1D7F

1D4A	1D6C	1D6D	1D6E	1D6F	1D70	1D71	1D72	1D73	1D74	1D75	1D76
Ð	ħ	đ	£	m	A	p	£	f	S	ŧ	Z

Phonetic Extensions Supplement

Block from 1D80 to 1DBF



Combining Diacritical Marks Supplement

Block from 1DCO to 1DFF

~	~	$\overline{}$	~	~	~
1DC4	1DC5	1DC6	1DC7	1DC8	1DC9

Latin Extended Additional

Block from 1E00 to 1EFF

1E04	1E05	1E0C	1E0D	1E0E	1E0F	1E12	1E13	1E24	1E25	1E2E	1E2F	1E36	1E37	1E3C	1E3D
Ŗ	Þ	Ď	d	D	₫	Ď	ď	H	ḥ	Ï	í. Í	Ļ	ļ	Ĕ	Į
1E3E	1E3F	1E44	1E45	1E46	1E47	1E4A	1E4B	1E4C	1E4D	1E50	1E51	1E52	1E53	1E54	1E55
M	m	Ň	'n	Ņ	ņ	\check{N}	Ď	Ő	Ő	Ò	Ò	Ó	Ó	Ŕ	Ŕ
1E5A	1E5B	1E62	1E63	1E6C	1E6D	1E6E	1E6F	1E70	1E71	1E78	1E79	1E80	1E81	1E82	1E83
Ŗ	ŗ	Ş	Ş	Ţ	ţ	Ţ	<u>t</u>	Ţ	ţ	Ű	Ű	Ŵ	Ŵ	Ŵ	Ŵ
1E84	1E85	1E92	1E93	1E9E	1EA0	1EA1	1EA2	1EA3	1EA4	1EA5	1EA6	1EA7	1EA8	1EA9	1EAA
Ŵ	\ddot{W}	Z	Ż	B	Ä	Ģ	Á	ả	Â	ấ	À	à	Â	â	Ã
1EAB	1EAC	1EAD	1EAE	1EAF	1EB0	1EB1	1EB2	1EB3	1EB4	1EB5	1EB6	1EB7	1EB8	1EB9	1EBA
ã	Â	â	Á	á	À	à	Å	ď	Ã	ã	Ă	ă	Ė	ę	Ê
1EBB	1EBC	1EBD	1EBE	1EBF	1EC0	1EC1	1EC2	1EC3	1EC4	1EC5	1EC6	1EC7	1EC8	1EC9	1ECA
ė	Ê	ẽ	Ê	ế	È	è	Ê	ê	Ê	ễ	Ê	ê	Î	Î	!
1ECB	1ECC	1ECD	1ECE	1ECF	1ED0	1ED1	1ED2	1ED3	1ED4	1ED5	1ED6	1ED7	1ED8	1ED9	1EDA
į	Ò	Ò	Ó	Õ	Ô	ố	Ò	Ò	Ô	Ô	Ô	Õ	Ô	Ô	Ó
1EDB	1EDC	1EDD	1EDE	1EDF	1EE0	1EE1	1EE2	1EE3	1EE4	1EE5	1EE6	1EE7	1EE8	1EE9	1EEA
Ó	Ò	Ò	Ó	Ò	Õ	$\widetilde{\mathcal{O}}$	Ò	Ò	Ų	Ų	Ú	ů	Ú	Ú	Ù

1EEB	1EEC	1EED	1EEE	1EEF	1EF0	1EF1	1EF2	1EF3	1EF4	1EF5	1EF6	1EF7	1EF8	1EF9
Ù	Ů	ů	Ũ	$\widetilde{\mathcal{U}}$	Ų	Ų	Ŷ	ŷ	Y	У.	Ÿ	ý	\widetilde{Y}	ỹ

Greek Extended

Block from 1F00 to 1FFF

1F70	1F71	1F72	1F73	1F74	1F75	1F76	1F77	1F78	1F79	1F7A	1F7B	1F7C	1F7D	1FB0	1FB1
$\hat{\alpha}$	ά	È	É	$\dot{\eta}$	ή	Ì	ĺ	Ò	Ó	Ù	Ú	$\hat{\omega}$	Ú	$\check{\alpha}$	$\bar{\alpha}$
1FB6	1FB8	1FB9	1FBA	1FBB	1FC0	1FC6	1FC8	1FC9	1FCA	1FCB	1FD0	1FD1	1FD2	1FD3	1FD6
$\widetilde{\alpha}$	Ă	Ā	À	Á	~	$ ilde{\eta}$	È	É	Ĥ	Ĥ	Ĭ	ī	ì	ĺ	ĩ
1FD7	1FD8	1FD9	1FDA	1FDB	1FE0	1FE1	1FE2	1FE3	1FE6	1FE7	1FE8	1FE9	1FEA	1FEB	1FF6
ĩ	Ĭ	Ī	Ì	ĺ	Ŭ	Ū	Ù	ΰ	$\tilde{\mathcal{U}}$	ũ	Ϋ́	Ÿ	Ŷ	Ý	$\tilde{\omega}$
1FF8	1FF9	1FFA	1FFB												
Ò	Ó	Ò	Ω												

General Punctuation

Block from 2000 to 206F

2007	2008	200B	200C	200D	200E	200F	2012	2013	2014	2015	2016	2018	2019	201A	201C
				<i>*</i>	1		_	_		_	\parallel	1	,	,	11
201D	201E	2020	2021	2022	2026	2030	2039	203A	203F	2044					
"	"	†	#	•	•••	‰	<	>		/					

Superscripts and Subscripts

Block from 2070 to 209F

2070	2074	2075	2076	2077		2079	207A	207B	207C	207D	207E	207F	2080	2081	2082
0	4	5	6	7	8	9	+	_	=	()	n	0	1	2
2083	2084	2085	2086	2087	2088	2089	208A	208B	208C	208D	208E				
3	4	5	6	7	8	9	+	_	=	()				

Currency Symbols

Block from 20A0 to 20CF

£	₹	ŧ	₽
20AC	20B9	20BA	20BE

Letterlike Symbols

Block from 2100 to 214F

g N_{-}^{0} TM Ω \in

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

2326 2327 2328 232B 23CE

Geometric Shapes

Block from 25A0 to 25FF

25AF 25C/

Dingbats

Block from 2700 to 27BF





Miscellaneous Symbols and Arrows

Block from 2B00 to 2BFF







2B07

Latin Extended-C

Block from 2C60 to 2C7F



Latin Extended-D

Block from A720 to A7FF



unassigned Block

Block from AB30 to ABBF



AB53

Private Use Area

Block from E000 to F8FF





Alphabetic Presentation Forms

Block from FB00 to FB4F



Arabic Presentation Forms-B

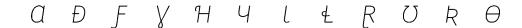
Block from FE70 to FEFF

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

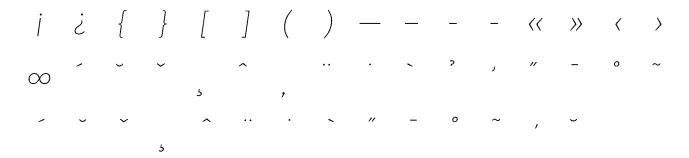


Small Capitals From Capitals, Small Capitals

А	Á	Ă	Á	Ă	À	Ä	Ã	Ă	Â	Â	Â	À	Â	Ã	Ä
Ä	Ä	À	À	Ā	À	À	Â	Ā	Ą	Å	Á	A	$\widetilde{\mathcal{A}}$	Æ	É
Ā	В	Ŗ	\mathcal{B}	₿	Б	C	Ć	Č	Ç	Ĉ	Ċ	C	$ ot\subset $	D	Đ
Ď	Ď	Đ	Ď	D	D	а	DΖ	DŽ	Ε	É	Ĕ	Ě	Ę	Ê	Ê
Ê	È	Ê	Ê	Ë	Ë	Ė	Ė	È	Ê	Ê	Ē	Ę	3	Э	Σ
E	Ê	3	ž	Σ	F	G	Ġ	Ğ	Ğ	Ĝ	Ģ	Ġ	G	7	G
Н	Ħ	Ě	Ĥ	H	1	ĺ	Ĭ	Ĭ	Î	Ï	ï	Ï	j	ļ.	Ì
Î	Î	IJ	Ī	Į	+	ĩ	J	ĵ	ţ	Κ	Ř	Ķ	Κ	L	Ĺ
Ł	Ľ	Ĕ	Ļ	Ŀ	Ļ	LJ	Ł	Μ	M	Ш	Ν	Ń	Ň	$\widecheck{\mathcal{N}}$	Ņ
Ň	Ņ	Ñ	Ŋ	N	NJ	Ñ	0	Ó	Ŏ	Ŏ	Ô	ố	Ô	Ò	Ô
Õ	Ö	ö	Ö	Ò	Ō	Q	Ò	Õ	O	Ó	Q	Ò	ð	$\tilde{\mathcal{O}}$	Ő

07	Ô	Ō	Ó	Ò	Q	Ō	C	Ø	Ó	Õ	Ő	Ō	8	Œ	Р
Ŕ	\mathcal{P}	Þ	Q	q	R	Ŕ	Ř	Ŗ	Ř	Ŗ	Ŕ	R	S	Ś	Š
Ş	ŝ	Ş	Ş	ß	Э	T	Ŧ	Ť	Ţ	Ţ	Ţ	7	Ţ	\mathcal{T}	Ţ
5	Ь	S	T	U	Ú	Ħ	Ŭ	Ŭ	Û	Ü	Ü	Ű	Ŭ	Ù	Ü
Ų	Ù	Ů	ľ	Ú	Ų	Ù	Ů	Ũ	Ű	Û	Ū	Ų	Ů	Ũ	Ű
V	U	\wedge	W	Ŵ	Ŵ		Ŵ	W	Р	X	Y	Ý	Ŷ	Ÿ	Y
Ŷ	Y	Ÿ	Ÿ	3	Y	\widetilde{Y}	Ζ	Ź	ž	Ż	Ż.	Z	Z	Α	Б
В	Γ	ŕ	٢	Д	Ε	È	Ë	Ж	3	И	Й	Й	К	Ŕ	Л
Μ	Н	0	П	Р	C	T	У	Ў	Ф	X	4	Ц	Ш	Щ	Ų
М Я												·		Щ Ђ	·
Я	Ь	Ъ	Ы	Љ	Њ	S	ϵ	Э	1	Ϊ	J	ħ	Ю	·	Ъ
Я	Ь V	Ъ F	Ы Ж	љ 3	Њ Қ	S K	€ K	Э Ц	I П	ï Ç	J Ţ	Ћ	Ю ¥	Ђ	Ъ Ч
Я Ө Ч	Ь V h	Ъ Ғ Һ	Ы Ж I	љ 3 4	Њ Қ Ă	S K A	€ K Æ	Э Ң Ĕ	I Д Ә	; ; ;	Ј Ţ Ū	ћ Ү	Ю Ұ Ё	Ђ Х	ъ Ч <u>ў</u>
Я Ө Ч ;	Ь V h ӳ	Ъ Ғ Һ Ч	Ы Ж I	љ 3 4 	Њ Қ Ă W	S K A	€ Ҡ Æ В	Э Ң Ĕ	I П, Ә	ï Ç Ə E	Ј Ҭ Ӣ Z	ћ Ү Ө Н	Ю Ұ Ö	万 X : Э	ъ Ч У К
Я Ө Ч ;у	Ь V h ӳ М	Ъ Ғ Қ Ч	Ы Ж І <u>Г</u> <u>=</u>	Љ 3 4 .Ы 0	Њ Қ Ă W	S K :A A	ΕΚÆΒΣ	Э Ң Ӗ Г	/ Д Д Д	Ϊ	Ј Ҭ Ӣ Ζ	ћ Ү Ө Н	Ю ¥ Ö Θ	Ђ Х Э 1	ъ Ч У К !

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

ĆŃÓŚŹifćńóśźfiflfifl

Numerators

Old Style Figures, Proportional Figures

Old Style Figures, Tabular Figures

Stylistic Alternates, Stylistic Set 1

Small Capitals

Stylistic Set 2

Б 4 4 Б

Tabular Figures

0 1 2 3 4 5 6 7 8 9 # - ¢ ¤ \$ €

 $- \times \neq \partial \% \% + \pm \prod \sqrt{\Sigma} \lozenge \S \circ \uparrow \mp$

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.



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.

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.

1st

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.



Stylistic Set 2



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

Mac₀S

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 <u>Unicode CLDR Project</u>.

Machame

Latin

Afar Ga **Afrikaans** Galician Ganda Akan Albanian German Asu Gusii Azerbaijani Hausa Bambara Hawaiian Basque Hungarian Bemba Icelandic Bena Igbo Bosnian Indonesian Breton Interlingua Catalan Irish Central Morocco Tamazight Italian Chiga Jju Colognian Kabuverdianu Cornish Kabyle Crimean Tatar Kalaallisut Croatian Kaleniin Czech Kamba Danish Kikuyu Dutch Kinyarwanda Embu Koro English Koyra Chiini Esperanto Koyraboro Senni Estonian Kpelle Ewe Kurdish Faroese Langi **Filipino** Latvian

Lingala

Luo

Luyia

Lithuanian

Low German

Makonde Malagasy Malay Maltese Manx Maori Masai Meru Moldavian Morisyen Nama North Ndebele Norwegian Bokmål Norwegian Nynorsk Nyanja Nyankole Occitan 0 **Oromo** Polish Portuguese Romanian Romansh Rombo Rwa Saho Samburu Sami Northern Sango Sena Serbian Shambala Shona

Soga Somali Sorbian, Lower Sorbian, Upper Sotho, Northern Sotho. Southern South Ndebele Spanish Swahili Swati Swedish Swiss German Tachelhit Taita Taroko Teso Tonga Tsonga Tswana Turkish Tvap Venda Vietnamese Vunjo Welsh Wolof Xhosa Yoruba 7ulu

Slovak

Slovenian

Cyrillic

Frisian West

Finnish

French

Friulian

Fulah

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

Carrois Type Design 24

Sidamo

Greek

Greek