

List of Unicode characters

This is a **list of Unicode characters**. As of version 13.0, Unicode contains a repertoire of over 143,000 characters covering 154 modern and historical scripts, as well as multiple symbol sets. As it is not technically possible to list all of these characters in a single Wikipedia page, this list is limited to a subset of the most important characters for English-language readers, with links to other pages which list the supplementary characters. This page includes the 1062 characters in the Multilingual European Character Set 2 (MES-2) subset, and some additional related characters.



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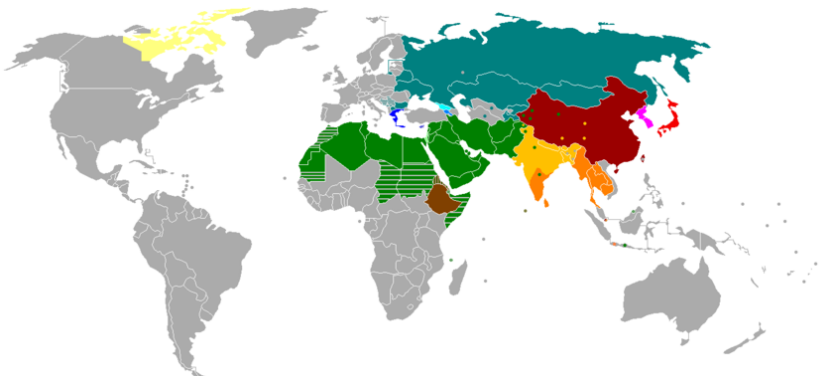
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Alphabetic	[L]ogographic and [S]yllabic	Abjad	Abugida
<input type="checkbox"/> Latin	<input type="checkbox"/> Hanzi [L]	<input type="checkbox"/> Arabic	<input type="checkbox"/> North Indic
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<input type="checkbox"/> Greek	<input type="checkbox"/> Hanja ^b [L]		<input type="checkbox"/> Ethiopic
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^a Featural-alphabetic. ^b Limited.

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Character reference overview

An [HTML](#) or [XML](#) *numeric character reference* refers to a character by its [Universal Character Set/Unicode code point](#), and uses the format

```
&#nnnn;
```

or

```
&#xhhh;
```

where *nnnn* is the code point in [decimal](#) form, and *hhh* is the code point in [hexadecimal](#) form. The *x* must be lowercase in XML documents. The *nnnn* or *hhh* may be any number of digits and may include leading zeros. The *hhh* may mix uppercase and lowercase, though uppercase is the usual style.

In contrast, a *character entity reference* refers to a character by the name of an *entity* which has the desired character as its *replacement text*. The entity must either be predefined (built into the markup language) or explicitly declared in a [Document Type Definition](#) (DTD). The format is the same as for any entity reference:

```
&name;
```

where *name* is the case-sensitive name of the entity. The semicolon is required.

Control codes

65 characters, including [DEL](#) but not [SP](#). All belong to the [common](#) script.

	Code	Decimal	Description	Abbreviation
C0	U+0000	0	<u>Null character</u>	NUL
	U+0001	1	<u>Start of Heading</u>	SOH
	U+0002	2	<u>Start of Text</u>	STX
	U+0003	3	<u>End-of-text character</u>	ETX
	U+0004	4	<u>End-of-transmission character</u>	EOT
	U+0005	5	<u>Enquiry character</u>	ENQ
	U+0006	6	<u>Acknowledge character</u>	ACK
	U+0007	7	<u>Bell character</u>	BEL
	U+0008	8	<u>Backspace</u>	BS
	U+0009	9	<u>Horizontal tab</u>	HT
	U+000A	10	<u>Line feed</u>	LF
	U+000B	11	<u>Vertical tab</u>	VT
	U+000C	12	<u>Form feed</u>	FF
	U+000D	13	<u>Carriage return</u>	CR
	U+000E	14	<u>Shift Out</u>	SO
	U+000F	15	<u>Shift In</u>	SI
	U+0010	16	<u>Data Link Escape</u>	DLE
	U+0011	17	<u>Device Control 1</u>	DC1
	U+0012	18	<u>Device Control 2</u>	DC2
	U+0013	19	<u>Device Control 3</u>	DC3
	U+0014	20	<u>Device Control 4</u>	DC4
	U+0015	21	<u>Negative-acknowledge character</u>	NAK
	U+0016	22	<u>Synchronous Idle</u>	SYN
	U+0017	23	<u>End of Transmission Block</u>	ETB
	U+0018	24	<u>Cancel character</u>	CAN
	U+0019	25	<u>End of Medium</u>	EM
	U+001A	26	<u>Substitute character</u>	SUB
	U+001B	27	<u>Escape character</u>	ESC
	U+001C	28	<u>File Separator</u>	FS
	U+001D	29	<u>Group Separator</u>	GS
	U+001E	30	<u>Record Separator</u>	RS
	U+001F	31	<u>Unit Separator</u>	US
	U+007F	127	<u>Delete</u>	DEL
C1	U+0080	128	Padding Character	PAD
	U+0081	129	High Octet Preset	HOP
	U+0082	130	Break Permitted Here	BPH
	U+0083	131	No Break Here	NBH
	U+0084	132	Index	IND
	U+0085	133	Next Line	NEL
	U+0086	134	Start of Selected Area	SSA
	U+0087	135	End of Selected Area	ESA
	U+0088	136	Character Tabulation Set	HTS
	U+0089	137	Character Tabulation with Justification	HTJ
	U+008A	138	Line Tabulation Set	VTs
	U+008B	139	Partial Line Forward	PLD
	U+008C	140	Partial Line Backward	PLU
	U+008D	141	Reverse Line Feed	RI
	U+008E	142	Single-Shift Two	SS2
	U+008F	143	Single-Shift Three	SS3
	U+0090	144	Device Control String	DCS
	U+0091	145	Private Use 1	PU1
	U+0092	146	Private Use 2	PU2
	Code	Decimal	Description	Abbreviation

	Code	Decimal	Description	Abbreviation
	U+0093	147	Set Transmit State	STS
	U+0094	148	<u>Cancel character</u>	CCH
	U+0095	149	Message Waiting	MW
	U+0096	150	Start of Protected Area	SPA
	U+0097	151	End of Protected Area	EPA
	U+0098	152	Start of String	SOS
	U+0099	153	Single Graphic Character Introducer	SGCI
	U+009A	154	Single Character Intro Introducer	SCI
	U+009B	155	<u>Control Sequence Introducer</u>	CSI
	U+009C	156	String Terminator	ST
	U+009D	157	Operating System Command	OSC
	U+009E	158	Private Message	PM
	U+009F	159	Application Program Command	APC
	Code	Decimal	Description	Abbreviation

Latin script

The Unicode Standard (version 7.0) classifies 1,338 characters as belonging to the Latin script.

Basic Latin

95 characters; the 52 alphabet characters belong to the Latin script. The remaining 43 belong to the common script. The 33 characters classified as **ASCII Punctuation & Symbols** are also sometimes referred to as **ASCII special characters**. See § Latin-1 Supplement and § Unicode symbols for additional "special characters".

	Code	Glyph	Decimal	Description	#
ASCII Punctuation & Symbols	U+0020		32	<u>Space</u>	0001
	U+0021	!	33	<u>Exclamation mark</u>	0002
	U+0022	"	34	<u>Quotation mark</u>	0003
	U+0023	#	35	<u>Number sign, Hashtag, Octothorpe, Sharp</u>	0004
	U+0024	\$	36	<u>Dollar sign</u>	0005
	U+0025	%	37	<u>Percent sign</u>	0006
	U+0026	&	38	<u>Ampersand</u>	0007
	U+0027	'	39	<u>Apostrophe</u>	0008
	U+0028	(40	<u>Left parenthesis</u>	0009
	U+0029)	41	<u>Right parenthesis</u>	0010
	U+002A	*	42	<u>Asterisk</u>	0011
	U+002B	+	43	<u>Plus sign</u>	0012
	U+002C	,	44	<u>Comma</u>	0013
	U+002D	-	45	<u>Hyphen-minus</u>	0014
	U+002E	.	46	<u>Full stop</u>	0015
	U+002F	/	47	<u>Slash (Solidus)</u>	0016
ASCII Digits	U+0030	0	48	<u>Digit Zero</u>	0017
	U+0031	1	49	<u>Digit One</u>	0018
	U+0032	2	50	<u>Digit Two</u>	0019
	U+0033	3	51	<u>Digit Three</u>	0020
	U+0034	4	52	<u>Digit Four</u>	0021
	U+0035	5	53	<u>Digit Five</u>	0022
	U+0036	6	54	<u>Digit Six</u>	0023
	U+0037	7	55	<u>Digit Seven</u>	0024
	U+0038	8	56	<u>Digit Eight</u>	0025
	U+0039	9	57	<u>Digit Nine</u>	0026
ASCII Punctuation & Symbols	U+003A	:	58	<u>Colon</u>	0027
	U+003B	;	59	<u>Semicolon</u>	0028
	U+003C	<	60	<u>Less-than sign</u>	0029
	U+003D	=	61	<u>Equal sign</u>	0030
	U+003E	>	62	<u>Greater-than sign</u>	0031
	U+003F	?	63	<u>Question mark</u>	0032
	U+0040	@	64	<u>At sign</u>	0033
Latin Alphabet: Uppercase	U+0041	A	65	<u>Latin Capital letter A</u>	0034
	U+0042	B	66	<u>Latin Capital letter B</u>	0035
	U+0043	C	67	<u>Latin Capital letter C</u>	0036
	U+0044	D	68	<u>Latin Capital letter D</u>	0037
	U+0045	E	69	<u>Latin Capital letter E</u>	0038
	U+0046	F	70	<u>Latin Capital letter F</u>	0039
	U+0047	G	71	<u>Latin Capital letter G</u>	0040
	U+0048	H	72	<u>Latin Capital letter H</u>	0041
	U+0049	I	73	<u>Latin Capital letter I</u>	0042
	U+004A	J	74	<u>Latin Capital letter J</u>	0043
	U+004B	K	75	<u>Latin Capital letter K</u>	0044
	U+004C	L	76	<u>Latin Capital letter L</u>	0045
	U+004D	M	77	<u>Latin Capital letter M</u>	0046
	U+004E	N	78	<u>Latin Capital letter N</u>	0047
	U+004F	O	79	<u>Latin Capital letter O</u>	0048
	U+0050	P	80	<u>Latin Capital letter P</u>	0049
	U+0051	Q	81	<u>Latin Capital letter Q</u>	0050
	U+0052	R	82	<u>Latin Capital letter R</u>	0051
	U+0053	S	83	<u>Latin Capital letter S</u>	0052
	Code	Glyph	Decimal	Description	#

	Code	Glyph	Decimal	Description	#
	U+0054	T	84	<u>Latin Capital letter T</u>	0053
	U+0055	U	85	<u>Latin Capital letter U</u>	0054
	U+0056	V	86	<u>Latin Capital letter V</u>	0055
	U+0057	W	87	<u>Latin Capital letter W</u>	0056
	U+0058	X	88	<u>Latin Capital letter X</u>	0057
	U+0059	Y	89	<u>Latin Capital letter Y</u>	0058
	U+005A	Z	90	<u>Latin Capital letter Z</u>	0059
ASCII Punctuation & Symbols	U+005B	[91	<u>Left Square Bracket</u>	0060
	U+005C	\	92	<u>Backslash</u>	0061
	U+005D]	93	<u>Right Square Bracket</u>	0062
	U+005E	^	94	<u>Circumflex accent</u>	0063
	U+005F	_	95	<u>Low line</u>	0064
	U+0060	`	96	<u>Grave accent</u>	0065
Latin Alphabet: Lowercase	U+0061	a	97	<u>Latin Small Letter A</u>	0066
	U+0062	b	98	<u>Latin Small Letter B</u>	0067
	U+0063	c	99	<u>Latin Small Letter C</u>	0068
	U+0064	d	100	<u>Latin Small Letter D</u>	0069
	U+0065	e	101	<u>Latin Small Letter E</u>	0070
	U+0066	f	102	<u>Latin Small Letter F</u>	0071
	U+0067	g	103	<u>Latin Small Letter G</u>	0072
	U+0068	h	104	<u>Latin Small Letter H</u>	0073
	U+0069	i	105	<u>Latin Small Letter I</u>	0074
	U+006A	j	106	<u>Latin Small Letter J</u>	0075
	U+006B	k	107	<u>Latin Small Letter K</u>	0076
	U+006C	l	108	<u>Latin Small Letter L</u>	0077
	U+006D	m	109	<u>Latin Small Letter M</u>	0078
	U+006E	n	110	<u>Latin Small Letter N</u>	0079
	U+006F	o	111	<u>Latin Small Letter O</u>	0080
	U+0070	p	112	<u>Latin Small Letter P</u>	0081
	U+0071	q	113	<u>Latin Small Letter Q</u>	0082
	U+0072	r	114	<u>Latin Small Letter R</u>	0083
	U+0073	s	115	<u>Latin Small Letter S</u>	0084
	U+0074	t	116	<u>Latin Small Letter T</u>	0085
	U+0075	u	117	<u>Latin Small Letter U</u>	0086
	U+0076	v	118	<u>Latin Small Letter V</u>	0087
	U+0077	w	119	<u>Latin Small Letter W</u>	0088
	U+0078	x	120	<u>Latin Small Letter X</u>	0089
	U+0079	y	121	<u>Latin Small Letter Y</u>	0090
	U+007A	z	122	<u>Latin Small Letter Z</u>	0091
ASCII Punctuation & Symbols	U+007B	{	123	<u>Left Curly Bracket</u>	0092
	U+007C		124	<u>Vertical bar</u>	0093
	U+007D	}	125	<u>Right Curly Bracket</u>	0094
	U+007E	~	126	<u>Tilde</u>	0095
	Code	Glyph	Decimal	Description	#

Latin-1 Supplement

96 characters; the 62 letters, and two ordinal indicators belong to the Latin script. The remaining 32 belong to the common script.

	Code	Glyph	Decimal	HTML	Description	#
Latin-1 Punctuation & Symbols	U+00A0		0160	 	<u>Non-breaking space</u>	0096
	U+00A1	¡	0161	¡	<u>Inverted Exclamation Mark</u>	0097
	U+00A2	¢	0162	¢	<u>Cent sign</u>	0098
	U+00A3	£	0163	£	<u>Pound sign</u>	0099
	U+00A4	¤	0164	¤	<u>Currency sign</u>	0100
	U+00A5	¥	0165	¥	<u>Yen sign</u>	0101
	U+00A6	¦	0166	¦	<u>Broken bar</u>	0102
	U+00A7	§	0167	§	<u>Section sign</u>	0103
	U+00A8	¨	0168	¨	<u>Diaeresis (Umlaut)</u>	0104
	U+00A9	©	0169	©	<u>Copyright sign</u>	0105
	U+00AA	ª	0170	ª	<u>Feminine Ordinal Indicator</u>	0106
	U+00AB	«	0171	«	<u>Left-pointing double angle quotation mark</u>	0107
	U+00AC	¬	0172	¬	<u>Not sign</u>	0108
	U+00AD		0173	­	<u>Soft hyphen</u>	0109
	U+00AE	®	0174	®	<u>Registered sign</u>	0110
	U+00AF	—	0175	¯	<u>macron</u>	0111
	U+00B0	°	0176	°	<u>Degree symbol</u>	0112
	U+00B1	±	0177	±	<u>Plus-minus sign</u>	0113
	U+00B2	²	0178	²	<u>Superscript two</u>	0114
	U+00B3	³	0179	³	<u>Superscript three</u>	0115
	U+00B4	´	0180	´	<u>Acute accent</u>	0116
	U+00B5	µ	0181	µ	<u>Micro sign</u>	0117
	U+00B6	¶	0182	¶	<u>Pilcrow sign</u>	0118
	U+00B7	·	0183	·	<u>Middle dot</u>	0119
	U+00B8	¸	0184	¸	<u>Cedilla</u>	0120
	U+00B9	¹	0185	¹	<u>Superscript one</u>	0121
	U+00BA	º	0186	º	<u>Masculine ordinal indicator</u>	0122
	U+00BB	»	0187	»	<u>Right-pointing double angle quotation mark</u>	0123
	U+00BC	¼	0188	¼	<u>Vulgar fraction one quarter</u>	0124
	U+00BD	½	0189	½	<u>Vulgar fraction one half</u>	0125
	U+00BE	¾	0190	¾	<u>Vulgar fraction three quarters</u>	0126
	U+00BF	¿	0191	¿	<u>Inverted Question Mark</u>	0127
Letters: Uppercase	U+00C0	À	0192	À	<u>Latin Capital Letter A with grave</u>	0128
	U+00C1	Á	0193	Á	<u>Latin Capital letter A with acute</u>	0129
	U+00C2	Â	0194	Â	<u>Latin Capital letter A with circumflex</u>	0130
	U+00C3	Ã	0195	Ã	<u>Latin Capital letter A with tilde</u>	0131
	U+00C4	Ä	0196	Ä	<u>Latin Capital letter A with diaeresis</u>	0132
	U+00C5	Å	0197	Å	<u>Latin Capital letter A with ring above</u>	0133
	U+00C6	Æ	0198	Æ	<u>Latin Capital letter Æ</u>	0134
	U+00C7	Ç	0199	Ç	<u>Latin Capital letter C with cedilla</u>	0135
	U+00C8	È	0200	È	<u>Latin Capital letter E with grave</u>	0136
	U+00C9	É	0201	É	<u>Latin Capital letter E with acute</u>	0137
	U+00CA	Ê	0202	Ê	<u>Latin Capital letter E with circumflex</u>	0138
	U+00CB	Ë	0203	Ë	<u>Latin Capital letter E with diaeresis</u>	0139
	U+00CC	Ì	0204	Ì	<u>Latin Capital letter I with grave</u>	0140
	U+00CD	Í	0205	Í	<u>Latin Capital letter I with acute</u>	0141
	U+00CE	Î	0206	Î	<u>Latin Capital letter I with circumflex</u>	0142
	U+00CF	Ï	0207	Ï	<u>Latin Capital letter I with diaeresis</u>	0143
	U+00D0	Ð	0208	Ð	<u>Latin Capital letter Eth</u>	0144
	U+00D1	Ñ	0209	Ñ	<u>Latin Capital letter N with tilde</u>	0145
	U+00D2	Ò	0210	Ò	<u>Latin Capital letter O with grave</u>	0146
	U+00D3	Ó	0211	Ó	<u>Latin Capital letter O with acute</u>	0147
	Code	Glyph	Decimal	HTML	Description	#

	Code	Glyph	Decimal	HTML	Description	#
	U+00D4	Ô	0212	Ô	<u>Latin Capital letter O with circumflex</u>	0148
	U+00D5	Õ	0213	Õ	<u>Latin Capital letter O with tilde</u>	0149
	U+00D6	Ö	0214	Ö	<u>Latin Capital letter O with diaeresis</u>	0150
Math	U+00D7	×	0215	×	<u>Multiplication sign</u>	0151
Letters: Uppercase	U+00D8	Ø	0216	Ø	<u>Latin Capital letter O with stroke</u>	0152
	U+00D9	Ù	0217	Ù	<u>Latin Capital letter U with grave</u>	0153
	U+00DA	Ú	0218	Ú	<u>Latin Capital letter U with acute</u>	0154
	U+00DB	Û	0219	Û	<u>Latin Capital Letter U with circumflex</u>	0155
	U+00DC	Ü	0220	Ü	<u>Latin Capital Letter U with diaeresis</u>	0156
	U+00DD	Ý	0221	Ý	<u>Latin Capital Letter Y with acute</u>	0157
	U+00DE	Þ	0222	Þ	<u>Latin Capital Letter Thorn</u>	0158
Letters: Lowercase	U+00DF	ß	0223	ß	<u>Latin Small Letter sharp S</u>	0159
	U+00E0	à	0224	à	<u>Latin Small Letter A with grave</u>	0160
	U+00E1	á	0225	á	<u>Latin Small Letter A with acute</u>	0161
	U+00E2	â	0226	â	<u>Latin Small Letter A with circumflex</u>	0162
	U+00E3	ã	0227	ã	<u>Latin Small Letter A with tilde</u>	0163
	U+00E4	ä	0228	ä	<u>Latin Small Letter A with diaeresis</u>	0164
	U+00E5	å	0229	å	<u>Latin Small Letter A with ring above</u>	0165
	U+00E6	æ	0230	æ	<u>Latin Small Letter Æ</u>	0166
	U+00E7	ç	0231	ç	<u>Latin Small Letter C with cedilla</u>	0167
	U+00E8	è	0232	è	<u>Latin Small Letter E with grave</u>	0168
	U+00E9	é	0233	é	<u>Latin Small Letter E with acute</u>	0169
	U+00EA	ê	0234	ê	<u>Latin Small Letter E with circumflex</u>	0170
	U+00EB	ë	0235	ë	<u>Latin Small Letter E with diaeresis</u>	0171
	U+00EC	ì	0236	ì	<u>Latin Small Letter I with grave</u>	0172
	U+00ED	í	0237	í	<u>Latin Small Letter I with acute</u>	0173
	U+00EE	î	0238	î	<u>Latin Small Letter I with circumflex</u>	0174
	U+00EF	ï	0239	ï	<u>Latin Small Letter I with diaeresis</u>	0175
	U+00F0	ð	0240	ð	<u>Latin Small Letter Eth</u>	0176
	U+00F1	ñ	0241	ñ	<u>Latin Small Letter N with tilde</u>	0177
	U+00F2	ò	0242	ò	<u>Latin Small Letter O with grave</u>	0178
	U+00F3	ó	0243	ó	<u>Latin Small Letter O with acute</u>	0179
	U+00F4	ô	0244	ô	<u>Latin Small Letter O with circumflex</u>	0180
	U+00F5	õ	0245	õ	<u>Latin Small Letter O with tilde</u>	0181
	U+00F6	ö	0246	ö	<u>Latin Small Letter O with diaeresis</u>	0182
Math	U+00F7	÷	0247	÷	<u>Division sign</u>	0183
Letters: Lowercase	U+00F8	ø	0248	ø	<u>Latin Small Letter O with stroke</u>	0184
	U+00F9	ù	0249	ù	<u>Latin Small Letter U with grave</u>	0185
	U+00FA	ú	0250	ú	<u>Latin Small Letter U with acute</u>	0186
	U+00FB	û	0251	û	<u>Latin Small Letter U with circumflex</u>	0187
	U+00FC	ü	0252	ü	<u>Latin Small Letter U with diaeresis</u>	0188
	U+00FD	ý	0253	ý	<u>Latin Small Letter Y with acute</u>	0189
	U+00FE	þ	0254	þ	<u>Latin Small Letter Thorn</u>	0190
	U+00FF	ÿ	0255	ÿ	<u>Latin Small Letter Y with diaeresis</u>	0191
	Code	Glyph	Decimal	HTML	Description	#

Latin Extended-A

128 characters; all belong to the Latin script.

	Code	Glyph	Decimal	HTML	Description	#
European Latin	U+0100	Ā	256	Ā	Latin Capital Letter A with macron	0192
	U+0101	ā	257	ā	Latin Small Letter A with macron	0193
	U+0102	Ă	258	Ă	Latin Capital Letter A with breve	0194
	U+0103	ă	259	ă	Latin Small Letter A with breve	0195
	U+0104	Ą	260	Ą	Latin Capital Letter A with ogonek	0196
	U+0105	ą	261	ą	Latin Small Letter A with ogonek	0197
	U+0106	Ć	262	Ć	Latin Capital Letter C with acute	0198
	U+0107	ć	263	ć	Latin Small Letter C with acute	0199
	U+0108	Ĉ	264	Ĉ	Latin Capital Letter C with circumflex	0200
	U+0109	ĉ	265	ĉ	Latin Small Letter C with circumflex	0201
	U+010A	Ċ	266	Ċ	Latin Capital Letter C with dot above	0202
	U+010B	ċ	267	ċ	Latin Small Letter C with dot above	0203
	U+010C	Č	268	Č	Latin Capital Letter C with caron	0204
	U+010D	č	269	č	Latin Small Letter C with caron	0205
	U+010E	Ď	270	Ď	Latin Capital Letter D with caron	0206
	U+010F	ď	271	ď	Latin Small Letter D with caron	0207
	U+0110	Ð	272	Đ	Latin Capital Letter D with stroke	0208
	U+0111	ð	273	đ	Latin Small Letter D with stroke	0209
	U+0112	Ē	274	Ē	Latin Capital Letter E with macron	0210
	U+0113	ē	275	ē	Latin Small Letter E with macron	0211
	U+0114	Ĕ	276	&Ebreve;	Latin Capital Letter E with breve	0212
	U+0115	ĕ	277	&ebreve;	Latin Small Letter E with breve	0213
	U+0116	Ė	278	Ė	Latin Capital Letter E with dot above	0214
	U+0117	ė	279	ė	Latin Small Letter E with dot above	0215
	U+0118	Ę	280	Ę	Latin Capital Letter E with ogonek	0216
	U+0119	ę	281	ę	Latin Small Letter E with ogonek	0217
	U+011A	Ě	282	Ě	Latin Capital Letter E with caron	0218
	U+011B	ě	283	ě	Latin Small Letter E with caron	0219
	U+011C	Ĝ	284	Ĝ	Latin Capital Letter G with circumflex	0220
	U+011D	ĝ	285	ĝ	Latin Small Letter G with circumflex	0221
	U+011E	Ğ	286	Ğ	Latin Capital Letter G with breve	0222
	U+011F	ğ	287	ğ	Latin Small Letter G with breve	0223
	U+0120	Ġ	288	Ġ	Latin Capital Letter G with dot above	0224
	U+0121	ġ	289	ġ	Latin Small Letter G with dot above	0225
	U+0122	Ģ	290	Ģ	Latin Capital Letter G with cedilla	0226
	U+0123	ģ	291		Latin Small Letter G with cedilla	0227
	U+0124	Ĥ	292	Ĥ	Latin Capital Letter H with circumflex	0228
	U+0125	ĥ	293	ĥ	Latin Small Letter H with circumflex	0229
	U+0126	Ħ	294	Ħ	Latin Capital Letter H with stroke	0230
	U+0127	ħ	295	ħ	Latin Small Letter H with stroke	0231
	U+0128	Ĩ	296	Ĩ	Latin Capital Letter I with tilde	0232
	U+0129	ĩ	297	ĩ	Latin Small Letter I with tilde	0233
	U+012A	Ī	298	Ī	Latin Capital Letter I with macron	0234
	U+012B	ī	299	ī	Latin Small Letter I with macron	0235
	U+012C	Ĭ	300	&Ibreve;	Latin Capital Letter I with breve	0236
	U+012D	ĭ	301	&ibreve;	Latin Small Letter I with breve	0237
	U+012E	Į	302	Į	Latin Capital Letter I with ogonek	0238
	U+012F	į	303	į	Latin Small Letter I with ogonek	0239
	U+0130	İ	304	İ	Latin Capital Letter I with dot above	0240
	U+0131	ı	305	ı	Latin Small Letter dotless I	0241
	U+0132	Ĳ	306	Ĳ	Latin Capital Ligature IJ	0242
	U+0133	ij	307	ĳ	Latin Small Ligature IJ	0243
	Code	Glyph	Decimal	HTML	Description	#

	Code	Glyph	Decimal	HTML	Description	#
	U+0134	Ĵ	308	Ĵ	Latin Capital Letter J with circumflex	0244
	U+0135	ĵ	309	ĵ	Latin Small Letter J with circumflex	0245
	U+0136	Ķ	310	Ķ	Latin Capital Letter K with cedilla	0246
	U+0137	ķ	311	ķ	Latin Small Letter K with cedilla	0247
	U+0138	κ	312		Latin Small Letter Kra	0248
	U+0139	Ĺ	313	Ĺ	Latin Capital Letter L with acute	0249
	U+013A	ĺ	314	ĺ	Latin Small Letter L with acute	0250
	U+013B	Ł	315	Ļ	Latin Capital Letter L with cedilla	0251
	U+013C	ł	316	ļ	Latin Small Letter L with cedilla	0252
	U+013D	Ľ	317	Ľ	Latin Capital Letter L with caron	0253
	U+013E	ľ	318	ľ	Latin Small Letter L with caron	0254
	U+013F	Ľ	319		Latin Capital Letter L with middle dot	0255
	U+0140	ľ	320		Latin Small Letter L with middle dot	0256
	U+0141	Ł	321	Ł	Latin Capital Letter L with stroke	0257
	U+0142	ł	322	ł	Latin Small Letter L with stroke	0258
	U+0143	Ń	323	Ń	Latin Capital Letter N with acute	0259
	U+0144	ń	324	ń	Latin Small Letter N with acute	0260
	U+0145	Ň	325	Ņ	Latin Capital Letter N with cedilla	0261
	U+0146	ň	326	ņ	Latin Small Letter N with cedilla	0262
	U+0147	Ñ	327	Ň	Latin Capital Letter N with caron	0263
	U+0148	ñ	328	ň	Latin Small Letter N with caron	0264
Deprecated	U+0149	ʼn	329		Latin Small Letter N preceded by apostrophe ^[1]	0265
European Latin	U+014A	Ɖ	330	Ŋ	Latin Capital Letter Eng	0266
	U+014B	ɱ	331	ŋ	Latin Small Letter Eng	0267
	U+014C	Ō	332	Ō	Latin Capital Letter O with macron	0268
	U+014D	ō	333	ō	Latin Small Letter O with macron	0269
	U+014E	Ö	334	&Obreve;	Latin Capital Letter O with breve	0270
	U+014F	ö	335	&obreve;	Latin Small Letter O with breve	0271
	U+0150	Ő	336	Ő	Latin Capital Letter O with double acute	0272
	U+0151	ő	337	ő	Latin Small Letter O with double acute	0273
	U+0152	Œ	338	Œ	Latin Capital Ligature OE	0274
	U+0153	œ	339	œ	Latin Small Ligature OE	0275
	U+0154	Ŕ	340	Ŕ	Latin Capital Letter R with acute	0276
	U+0155	ř	341	ŕ	Latin Small Letter R with acute	0277
	U+0156	Ŗ	342	Ŗ	Latin Capital Letter R with cedilla	0278
	U+0157	ŗ	343	ŗ	Latin Small Letter R with cedilla	0279
	U+0158	Ř	344	Ř	Latin Capital Letter R with caron	0280
	U+0159	ř	345	ř	Latin Small Letter R with caron	0281
	U+015A	Ś	346	Ś	Latin Capital Letter S with acute	0282
	U+015B	ś	347	ś	Latin Small Letter S with acute	0283
	U+015C	Ŝ	348	Ŝ	Latin Capital Letter S with circumflex	0284
	U+015D	ŝ	349	ŝ	Latin Small Letter S with circumflex	0285
	U+015E	Ş	350	Ş	Latin Capital Letter S with cedilla	0286
	U+015F	ş	351	ş	Latin Small Letter S with cedilla	0287
	U+0160	Š	352	Š	Latin Capital Letter S with caron	0288
	U+0161	š	353	š	Latin Small Letter S with caron	0289
	U+0162	Ţ	354	Ţ	Latin Capital Letter T with cedilla	0290
	U+0163	ţ	355	ţ	Latin Small Letter T with cedilla	0291
	U+0164	Ț	356	Ť	Latin Capital Letter T with caron	0292
	U+0165	ț	357	ť	Latin Small Letter T with caron	0293
	U+0166	Ț	358	Ŧ	Latin Capital Letter T with stroke	0294
	U+0167	ț	359	ŧ	Latin Small Letter T with stroke	0295
	Code	Glyph	Decimal	HTML	Description	#

	Code	Glyph	Decimal	HTML	Description	#
	U+0168	Ũ	360	Ũ	Latin Capital Letter U with tilde	0296
	U+0169	ũ	361	ũ	Latin Small Letter U with tilde	0297
	U+016A	Ū	362	Ū	Latin Capital Letter U with macron	0298
	U+016B	ū	363	ū	Latin Small Letter U with macron	0299
	U+016C	Ŭ	364	Ŭ	Latin Capital Letter U with breve	0300
	U+016D	ū	365	ŭ	Latin Small Letter U with breve	0301
	U+016E	Ů	366	Ů	Latin Capital Letter U with ring above	0302
	U+016F	ů	367	ů	Latin Small Letter U with ring above	0303
	U+0170	Ű	368	Ű	Latin Capital Letter U with double acute	0304
	U+0171	ű	369	ű	Latin Small Letter U with double acute	0305
	U+0172	Ų	370	Ų	Latin Capital Letter U with ogonek	0306
	U+0173	u	371	ų	Latin Small Letter U with ogonek	0307
	U+0174	Ŵ	372	Ŵ	Latin Capital Letter W with circumflex	0308
	U+0175	w	373	ŵ	Latin Small Letter W with circumflex	0309
	U+0176	Ŷ	374	Ŷ	Latin Capital Letter Y with circumflex	0310
	U+0177	y	375	ŷ	Latin Small Letter Y with circumflex	0311
	U+0178	ÿ	376	Ÿ	Latin Capital Letter Y with diaeresis	0312
	U+0179	Ž	377	Ź	Latin Capital Letter Z with acute	0313
	U+017A	ž	378	ź	Latin Small Letter Z with acute	0314
	U+017B	Ž	379	Ż	Latin Capital Letter Z with dot above	0315
	U+017C	ž	380	ż	Latin Small Letter Z with dot above	0316
	U+017D	Ž	381	Ž	Latin Capital Letter Z with caron	0317
	U+017E	ž	382	ž	Latin Small Letter Z with caron	0318
	U+017F	ſ	383		Latin Small Letter <u>long S</u>	0319
	Code	Glyph	Decimal	HTML	Description	#

Latin Extended-B

208 characters; all belong to the Latin script; 33 in the MES-2 subset.

	Code	Glyph	Decimal	Description	#	MES-2 Rationale
Non-European & historic Latin	U+0180	Ḃ	384	Latin Small Letter B with stroke		
	U+0181	Ḅ	385	Latin Capital Letter B with hook		
	U+0182	Ḇ	386	Latin Capital Letter B with top bar		
	U+0183	Ḉ	387	Latin Small Letter B with top bar		
	U+0184	Ḅ̃	388	Latin Capital Letter Tone Six		
	U+0185	ḅ̃	389	Latin Small Letter Tone Six		
	U+0186	Ḭ	390	Latin Capital Letter Open O		
	U+0187	Ḭ̃	391	Latin Capital Letter C with hook		
	U+0188	ḭ̃	392	Latin Small Letter C with hook		
	U+0189	Ḭ	393	Latin Capital Letter African D		
	U+018A	Ḭ̃	394	Latin Capital Letter D with hook		
	U+018B	Ḭ̃̃	395	Latin Capital Letter D with top bar		
	U+018C	Ḭ̃̃̃	396	Latin Small Letter D with top bar		
	U+018D	Ḭ̃̃̃̃	397	Latin Small Letter Turned Delta		
	U+018E	Ḭ̃̃̃̃̃	398	Latin Capital Letter Reversed E		
	U+018F	Ḭ̃̃̃̃̃̃	399	Latin Capital Letter Schwa	0320	for Azerbaijani
	U+0190	Ḭ̃̃̃̃̃̃̃	400	Latin Capital Letter Open E		
	U+0191	Ḭ̃̃̃̃̃̃̃̃	401	Latin Capital Letter F with hook		
	U+0192	Ḭ̃̃̃̃̃̃̃̃̃	402	Latin Small Letter F with hook	0321	in WGL4
	U+0193	Ḭ̃̃̃̃̃̃̃̃̃̃	403	Latin Capital Letter G with hook		
	U+0194	Ḭ̃̃̃̃̃̃̃̃̃̃̃	404	Latin Capital Letter Gamma		
	U+0195	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃	405	Latin Small Letter HV		
	U+0196	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃	406	Latin Capital Letter Iota		
	U+0197	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃	407	Latin Capital Letter I with stroke		
	U+0198	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	408	Latin Capital Letter K with hook		
	U+0199	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	409	Latin Small Letter K with hook		
	U+019A	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	410	Latin Small Letter L with bar		
	U+019B	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	411	Latin Small Letter Lambda with stroke		
	U+019C	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	412	Latin Capital Letter Turned M		
	U+019D	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	413	Latin Capital Letter N with left hook		
	U+019E	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	414	Latin Small Letter N with long right leg		
	U+019F	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	415	Latin Capital Letter O with middle tilde		
	U+01A0	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	416	Latin Capital Letter O with horn		
	U+01A1	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	417	Latin Small Letter O with horn		
	U+01A2	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	418	Latin Capital Letter Oi (= Latin Capital Letter Gha)		
	U+01A3	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	419	Latin Small Letter Oi (= Latin Small Letter Gha)		
	U+01A4	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	420	Latin Capital Letter P with hook		
	U+01A5	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	421	Latin Small Letter P with hook		
	U+01A6	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	422	Latin Letter YR		
	U+01A7	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	423	Latin Capital Letter Tone Two		
	U+01A8	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	424	Latin Small Letter Tone Two		
	U+01A9	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	425	Latin Capital Letter Esh		
	U+01AA	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	426	Latin Letter Reversed Esh Loop		
	U+01AB	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	427	Latin Small Letter T with palatal hook		
	U+01AC	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	428	Latin Capital Letter T with hook		
	U+01AD	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	429	Latin Small Letter T with hook		
	U+01AE	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	430	Latin Capital Letter T with retroflex hook		
	U+01AF	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	431	Latin Capital Letter U with horn		
	U+01B0	Ḭ̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃̃	432	Latin Small Letter U with horn		
	U+01B1	Ḭ̃̃	433	Latin Capital Letter Upsilon		
	U+01B2	Ḭ̃̃̃	434	Latin Capital Letter V with hook		
	Code	Glyph	Decimal	Description	#	MES-2 Rationale

	Code	Glyph	Decimal	Description	#	MES-2 Rationale
	U+01B3	Ÿ	435	Latin Capital Letter Y with hook	0322	for Sami
	U+01B4	ȳ	436	Latin Small Letter Y with hook		
	U+01B5	Ƶ	437	Latin Capital Letter Z with stroke		
	U+01B6	ƶ	438	Latin Small Letter Z with stroke		
	U+01B7	Ʒ	439	Latin Capital Letter Ezh		
	U+01B8	Ƹ	440	Latin Capital Letter Ezh reversed		
	U+01B9	ƹ	441	Latin Small Letter Ezh reversed		
	U+01BA	ƺ	442	Latin Small Letter Ezh with tail		
	U+01BB	2̣	443	Latin Letter Two with stroke		
	U+01BC	5̣	444	Latin Capital Letter Tone Five		
	U+01BD	ɥ	445	Latin Small Letter Tone Five		
	U+01BE	ɷ	446	Latin Letter Inverted Glottal Stop with stroke		
	U+01BF	ƿ	447	Latin Letter Wynn		
African clicks	U+01C0	ɀ	448	Latin Letter Dental Click		
	U+01C1	Ɂ	449	Latin Letter Lateral Click		
	U+01C2	ɂ	450	Latin Letter Alveolar Click		
	U+01C3	Ƀ	451	Latin Letter Retroflex Click		
Croatian	U+01C4	DŽ	452	Latin Capital Letter DZ with caron		
	U+01C5	Dž	453	Latin Capital Letter D with Small Letter Z with caron		
	U+01C6	dž	454	Latin Small Letter DZ with caron		
	U+01C7	LJ	455	Latin Capital Letter LJ		
	U+01C8	Lj	456	Latin Capital Letter L with Small Letter J		
	U+01C9	lj	457	Latin Small Letter LJ		
	U+01CA	NJ	458	Latin Capital Letter NJ		
	U+01CB	Nj	459	Latin Capital Letter N with Small Letter J		
	U+01CC	nj	460	Latin Small Letter NJ		
Pinyin	U+01CD	Ā	461	Latin Capital Letter A with caron		
	U+01CE	ā	462	Latin Small Letter A with caron		
	U+01CF	Ī	463	Latin Capital Letter I with caron		
	U+01D0	ī	464	Latin Small Letter I with caron		
	U+01D1	Ŏ	465	Latin Capital Letter O with caron		
	U+01D2	ō	466	Latin Small Letter O with caron		
	U+01D3	Ů	467	Latin Capital Letter U with caron		
	U+01D4	ů	468	Latin Small Letter U with caron		
	U+01D5	Ū	469	Latin Capital Letter U with diaeresis and macron		
	U+01D6	ū	470	Latin Small Letter U with diaeresis and macron		
	U+01D7	Ŭ	471	Latin Capital Letter U with diaeresis and acute		
	U+01D8	ŭ	472	Latin Small Letter U with diaeresis and acute		
	U+01D9	Ů̃	473	Latin Capital Letter U with diaeresis and caron		
	U+01DA	ũ	474	Latin Small Letter U with diaeresis and caron		
	U+01DB	Ŭ̃	475	Latin Capital Letter U with diaeresis and grave		
	U+01DC	ũ̃	476	Latin Small Letter U with diaeresis and grave		
Phonetic & historic letters	U+01DD	ə̃	477	Latin Small Letter Turned E	0323	for Sami
	U+01DE	Ā̃	478	Latin Capital Letter A with diaeresis and macron		
	U+01DF	ā̃	479	Latin Small Letter A with diaeresis and macron	0324	
	U+01E0	Ā̇	480	Latin Capital Letter A with dot above and macron	0325	
	U+01E1	ā̇	481	Latin Small Letter A with dot above and macron	0326	
	U+01E2	Æ̃	482	Latin Capital Letter Æ with macron	0327	
	U+01E3	æ̃	483	Latin Small Letter Æ with macron	0328	
	U+01E4	Ɔ	484	Latin Capital Letter G with stroke	0329	
	U+01E5	ɔ̣	485	Latin Small Letter G with stroke	0330	
	Code	Glyph	Decimal	Description	#	MES-2 Rationale

	Code	Glyph	Decimal	Description	#	MES-2 Rationale
	U+01E6	Ĝ	486	Latin Capital Letter G with caron	0331	
	U+01E7	ĝ	487	Latin Small Letter G with caron	0332	
	U+01E8	Ĥ	488	Latin Capital Letter K with caron	0333	
	U+01E9	ĥ	489	Latin Small Letter K with caron	0334	
	U+01EA	Ų	490	Latin Capital Letter O with ogonek	0335	
	U+01EB	ų	491	Latin Small Letter O with ogonek	0336	
	U+01EC	Ȫ	492	Latin Capital Letter O with ogonek and macron	0337	
	U+01ED	ȫ	493	Latin Small Letter O with ogonek and macron	0338	
	U+01EE	Ž	494	Latin Capital Letter Ezh with caron	0339	
	U+01EF	ž	495	Latin Small Letter Ezh with caron	0340	
	U+01F0	Ĳ	496	Latin Small Letter J with caron		
	U+01F1	DZ	497	Latin Capital Letter DZ		
	U+01F2	Dz	498	Latin Capital Letter D with Small Letter Z		
	U+01F3	dz	499	Latin Small Letter DZ		
	U+01F4	Ġ	500	Latin Capital Letter G with acute		
	U+01F5	ġ	501	Latin Small Letter G with acute		
	U+01F6	Hu	502	Latin Capital Letter Hwair		
	U+01F7	ƿ	503	Latin Capital Letter Wynn		
	U+01F8	Ñ	504	Latin Capital Letter N with grave		
	U+01F9	ñ	505	Latin Small Letter N with grave		
	U+01FA	Á	506	Latin Capital Letter A with ring above and acute	0341	in <u>WGL4</u>
	U+01FB	á	507	Latin Small Letter A with ring above and acute	0342	
	U+01FC	Æ	508	Latin Capital Letter Æ with acute	0343	
	U+01FD	æ	509	Latin Small Letter Æ with acute	0344	
	U+01FE	Ø	510	Latin Capital Letter O with stroke and acute	0345	
	U+01FF	ø	511	Latin Small Letter O with stroke and acute	0346	
Slovenian & Croatian	U+0200	Ä	512	Latin Capital Letter A with double grave		
	U+0201	ä	513	Latin Small Letter A with double grave		
	U+0202	Â	514	Latin Capital Letter A with inverted breve		
	U+0203	â	515	Latin Small Letter A with inverted breve		
	U+0204	Ě	516	Latin Capital Letter E with double grave		
	U+0205	ě	517	Latin Small Letter E with double grave		
	U+0206	Ê	518	Latin Capital Letter E with inverted breve		
	U+0207	ê	519	Latin Small Letter E with inverted breve		
	U+0208	Ï	520	Latin Capital Letter I with double grave		
	U+0209	ï	521	Latin Small Letter I with double grave		
	U+020A	Î	522	Latin Capital Letter I with inverted breve		
	U+020B	î	523	Latin Small Letter I with inverted breve		
	U+020C	Ö	524	Latin Capital Letter O with double grave		
	U+020D	ö	525	Latin Small Letter O with double grave		
	U+020E	Ȭ	526	Latin Capital Letter O with inverted breve		
	U+020F	ȭ	527	Latin Small Letter O with inverted breve		
	U+0210	Ř	528	Latin Capital Letter R with double grave		
	U+0211	ř	529	Latin Small Letter R with double grave		
	U+0212	Ŕ	530	Latin Capital Letter R with inverted breve		
	U+0213	ŕ	531	Latin Small Letter R with inverted breve		
Romanian	U+0214	Ü	532	Latin Capital Letter U with double grave	0347	for <u>Romanian</u>
	U+0215	ü	533	Latin Small Letter U with double grave		
	U+0216	Ȫ	534	Latin Capital Letter U with inverted breve		
	U+0217	ȫ	535	Latin Small Letter U with inverted breve		
	U+0218	Ș	536	Latin Capital Letter S with comma below		
	Code	Glyph	Decimal	Description	#	MES-2 Rationale

	Code	Glyph	Decimal	Description	#	MES-2 Rationale
	U+0219	ſ	537	<u>Latin Small Letter S with comma below</u>	0348	
	U+021A	Ŧ	538	<u>Latin Capital Letter T with comma below</u>	0349	
	U+021B	ţ	539	<u>Latin Small Letter T with comma below</u>	0350	
Miscellaneous	U+021C	Ȑ	540	Latin Capital Letter <u>Yogh</u>		
	U+021D	ȑ	541	Latin Small Letter Yogh		
	U+021E	Ĥ	542	Latin Capital Letter H with caron	0351	for <u>Finnish Romani</u> , <u>Scots</u>
	U+021F	ĥ	543	Latin Small Letter H with caron	0352	
	U+0220	Ŋ	544	Latin Capital Letter N with long right leg		
	U+0221	ŋ	545	Latin Small Letter D with curl		
	U+0222	8	546	Latin Capital Letter <u>OU</u>		
	U+0223	8	547	Latin Small Letter <u>OU</u>		
	U+0224	Z	548	Latin Capital Letter Z with hook		
	U+0225	z	549	Latin Small Letter Z with hook		
	U+0226	Ā	550	Latin Capital Letter A with dot above		
	U+0227	ā	551	Latin Small Letter A with dot above		
	U+0228	Ɛ	552	Latin Capital Letter E with cedilla		
	U+0229	ɛ	553	Latin Small Letter E with cedilla		
Livonian	U+022A	Ȫ	554	Latin Capital Letter O with diaeresis and macron		
	U+022B	ȫ	555	Latin Small Letter O with diaeresis and macron		
	U+022C	Ȭ	556	Latin Capital Letter O with tilde and macron		
	U+022D	ȭ	557	Latin Small Letter O with tilde and macron		
	U+022E	Ȯ	558	Latin Capital Letter O with dot above		
	U+022F	ȯ	559	Latin Small Letter O with dot above		
	U+0230	Ȱ	560	Latin Capital Letter O with dot above and macron		
	U+0231	ȱ	561	Latin Small Letter O with dot above and macron		
	U+0232	Ȳ	562	Latin Capital Letter Y with macron		
	U+0233	ȳ	563	Latin Small Letter Y with macron		
Sinology	U+0234	Ł	564	Latin Small Letter L with curl		
	U+0235	ł	565	Latin Small Letter N with curl		
	U+0236	ł	566	Latin Small Letter T with curl		
Miscellaneous	U+0237	Ј	567	Latin Small Letter Dotless J		
	U+0238	Ƅ	568	Latin Small Letter DB <u>Digraph</u>		
	U+0239	Ɔ	569	Latin Small Letter QP <u>Digraph</u>		
	U+023A	Ɔ	570	Latin Capital Letter A with stroke		
	U+023B	Ɔ	571	Latin Capital Letter C with stroke		
	U+023C	Ɔ	572	Latin Small Letter C with stroke		
	U+023D	Ł	573	Latin Capital Letter L with bar		
	U+023E	Ƨ	574	Latin Capital Letter T with diagonal stroke		
	U+023F	Ƨ	575	Latin Small Letter S with swash tail		
	U+0240	Ƨ	576	Latin Small Letter Z with swash tail		
	U+0241	Ƨ	577	Latin Capital Letter Glottal Stop		
	U+0242	Ƨ	578	Latin Small Letter Glottal Stop		
	U+0243	Ƨ	579	Latin Capital Letter B with stroke		
	U+0244	Ƨ	580	Latin Capital Letter U bar		
	U+0245	Ƨ	581	Latin Capital Letter Turned V		
	U+0246	Ƨ	582	Latin Capital Letter E with stroke		
	U+0247	Ƨ	583	Latin Small Letter E with stroke		
	U+0248	Ƨ	584	Latin Capital Letter J with stroke		
	U+0249	Ƨ	585	Latin Small Letter J with stroke		
	U+0250	Ƨ	586	Latin Small Letter Turned A		
	U+024A	Ƨ	587	Latin Capital Letter Q with hook tail		
	Code	Glyph	Decimal	Description	#	MES-2 Rationale

	Code	Glyph	Decimal	Description	#	MES-2 Rationale
	U+024B	q	588	Latin Small Letter Q with hook tail		
	U+024C	Ŕ	589	Latin Capital Letter R with stroke		
	U+024D	ŕ	590	Latin Small Letter R with stroke		
	U+024E	Ÿ	591	Latin Capital Letter Y with stroke		
	U+024F	ŷ	592	Latin Small Letter Y with stroke		
	Code	Glyph	Decimal	Description	#	MES-2 Rationale

Latin Extended Additional

256 characters; all belong to the Latin script; 23 in the MES-2 subset. For the rest, see [Latin Extended Additional \(Unicode block\)](#).

Code	Glyph	Description	#	MES-2 Rationale
U+1E02	Ĭ	Latin Capital Letter B with dot above	0647	ISO 8859-14
U+1E03	ĳ	Latin Small Letter B with dot above	0648	
U+1E0A	Ď	Latin Capital Letter D with dot above	0649	
U+1E0B	ď	Latin Small Letter D with dot above	0650	
U+1E1E	Ĥ	Latin Capital Letter F with dot above	0651	
U+1E1F	ĥ	Latin Small Letter F with dot above	0652	
U+1E40	Ĭ	Latin Capital Letter M with dot above	0653	
U+1E41	ĳ	Latin Small Letter M with dot above	0654	
U+1E56	Ĥ	Latin Capital Letter P with dot above	0655	
U+1E57	ĥ	Latin Small Letter P with dot above	0656	
U+1E60	Ŝ	Latin Capital Letter S with dot above	0657	
U+1E61	ŝ	Latin Small Letter S with dot above	0658	
U+1E6A	Ĥ	Latin Capital Letter T with dot above	0659	
U+1E6B	ĥ	Latin Small Letter T with dot above	0660	in WGL4
U+1E80	Ŵ	Latin Capital Letter W with grave	0661	
U+1E81	ŵ	Latin Small Letter W with grave	0662	
U+1E82	Ŷ	Latin Capital Letter W with acute	0663	
U+1E83	ŷ	Latin Small Letter W with acute	0664	
U+1E84	Ÿ	Latin Capital Letter W with diaeresis	0665	
U+1E85	Ź	Latin Small Letter W with diaeresis	0666	for Fraktur , Irish Gaelic , Old English
U+1E9B	Ĥ	Latin Small Letter Long S with dot above	0667	
U+1EF2	Ÿ	Latin Capital Letter Y with grave	0668	
U+1EF3	Ź	Latin Small Letter Y with grave	0669	in WGL4
Code	Glyph	Description	#	MES-2 Rationale

Additional Latin Extended

- [Latin Extended-C \(Unicode block\)](#)
- [Latin Extended-D \(Unicode block\)](#)
- [Latin Extended-E \(Unicode block\)](#)

Phonetic scripts

IPA Extensions

96 characters; all belong to the Latin script; three in the MES-2 subset. For the rest, see [IPA Extensions \(Unicode block\)](#).

Code	Glyph	Decimal	Description	#	MES-2 Rationale
U+0259	ə	601	Latin Small Letter Schwa	0353	for Azerbaijani
U+027C	ɾ	636	Latin Small Letter R with long leg	0354	for Irish Gaelic
U+0292	ɜ	658	Latin Small Letter Ezh	0355	for Sami
Code	Glyph	Decimal	Description	#	MES-2 Rationale

Spacing modifier letters

80 characters; 15 in the MES-2 subset.

https://en.wikipedia.org/wiki/List_of_Unicode_characters

Code	Glyph	Decimal	Description	#	MES-2 Rationale
U+02E4	◌̥	740	Modifier Letter Small Reversed Glottal Stop		
U+02E5	◌̥̥̥	741	Modifier Letter Extra-High Tone Bar		
U+02E6	◌̥̥̥̥	742	Modifier Letter High Tone Bar		
U+02E7	◌̥̥̥̥̥	743	Modifier Letter Mid Tone Bar		
U+02E8	◌̥̥̥̥̥̥	744	Modifier Letter Low Tone Bar		
U+02E9	◌̥̥̥̥̥̥̥	745	Modifier Letter Extra-Low Tone Bar		
U+02EA	◌̥̥̥̥̥̥̥̥	746	Modifier Letter Yin Departing Tone Mark		
U+02EB	◌̥̥̥̥̥̥̥̥̥	747	Modifier Letter Yang Departing Tone Mark		
U+02EC	◌̥̥̥̥̥̥̥̥̥̥	748	Modifier Letter Voicing		
U+02ED	◌̥̥̥̥̥̥̥̥̥̥̥	749	Modifier Letter Unaspirated		
U+02EE	◌̥̥̥̥̥̥̥̥̥̥̥̥	750	Modifier Letter Double Apostrophe	0370	for <u>Nenets</u>
U+02EF	◌̥̥̥̥̥̥̥̥̥̥̥̥̥	751	Modifier Letter Low Down Arrowhead		
U+02F0	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥	752	Modifier Letter Low Up Arrowhead		
U+02F1	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	753	Modifier Letter Low Left Arrowhead		
U+02F2	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	754	Modifier Letter Low Right Arrowhead		
U+02F3	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	755	Modifier Letter Low Ring		
U+02F4	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	756	Modifier Letter Middle Grave Accent		
U+02F5	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	757	Modifier Letter Middle Double Grave Accent		
U+02F6	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	758	Modifier Letter Middle Double Acute Accent		
U+02F7	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	759	Modifier Letter Low Tilde		
U+02F8	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	760	Modifier Letter Raised Colon		
U+02F9	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	761	Modifier Letter Begin High Tone		
U+02FA	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	762	Modifier Letter End High Tone		
U+02FB	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	763	Modifier Letter Begin Low Tone		
U+02FC	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	764	Modifier Letter End Low Tone		
U+02FD	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	765	Modifier Letter Shelf		
U+02FE	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	766	Modifier Letter Open Shelf		
U+02FF	◌̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥̥	767	Modifier Letter Low Left Arrow		
Code	Glyph	Decimal	Description	#	MES-2 Rationale

Phonetic Extensions

- [Phonetic Extensions \(Unicode block\)](#)
- [Phonetic Extensions Supplement \(Unicode block\)](#)

Combining Marks

- [Combining Diacritical Marks \(Unicode block\)](#)
- [Combining Diacritical Marks Extended \(Unicode block\)](#)
- [Combining Half Marks \(Unicode block\)](#)
- [Combining Diacritical Marks Supplement \(Unicode block\)](#)
- [Combining Diacritical Marks for Symbols \(Unicode block\)](#)

Greek and Coptic

144 code points; 135 assigned characters; 85 in the MES-2 subset.

Code	Glyph	Decimal	Description	#
U+0370	Ͱ	880	Greek Capital Letter Heta	·
U+0371	ͱ	881	Greek Small Letter Heta	
U+0372	Ͳ	882	Greek Capital Letter Archaic Sampi	
U+0373	ͳ	883	Greek Small Letter Archaic Sampi	
U+0374	͵	884	Greek Numeral Sign	0371
U+0375	Ͷ	885	Greek Lower Numeral Sign	0372
U+0376	ͷ	886	Greek Capital Letter Pamphylian Digamma	·
U+0377	͸	887	Greek Small Letter Pamphylian Digamma	
U+037A	ͺ	890	Greek Ypogegrammeni	0373
U+037B	ͻ	891	Greek Small Reversed Lunate Sigma Symbol	·
U+037C	ͼ	892	Greek Small Dotted Lunate Sigma Symbol	
U+037D	ͽ	893	Greek Small Reversed Dotted Lunate Sigma Symbol	
U+037E	Ϳ	894	Greek Question Mark	0374
U+037F	Ϳ	895	Greek Capital Letter Yot	·
U+0384	Ϳ	900	Greek acute accent (tonos)	0375
U+0385	Ϳ	901	Greek <u>diaeresis</u> with acute accent	0376
U+0386	Ϳ	902	Greek Capital Letter A with acute accent	0377
U+0387	Ϳ	903	Greek <u>Ano Teleia</u>	0378
U+0388	Ϳ	904	Greek Capital Letter Epsilon with acute accent	0379
U+0389	Ϳ	905	Greek Capital Letter Eta with acute accent	0380
U+038A	Ϳ	906	Greek Capital Letter Iota with acute accent	0381
U+038C	Ϳ	908	Greek Capital Letter Omicron with acute accent	0382
U+038E	Ϳ	910	Greek Capital Letter Upsilon with acute accent	0383
U+038F	Ϳ	911	Greek Capital Letter Omega with acute accent	0384
U+0390	Ϳ	912	Greek Small Letter Iota with diaeresis and acute accent	0385
U+0391	Α	913	Greek Capital Letter Alpha	0386
U+0392	Β	914	Greek Capital Letter Beta	0387
U+0393	Γ	915	Greek Capital Letter Gamma	0388
U+0394	Δ	916	Greek Capital Letter Delta	0389
U+0395	Ε	917	Greek Capital Letter Epsilon	0390
U+0396	Ζ	918	Greek Capital Letter Zeta	0391
U+0397	Η	919	Greek Capital Letter Eta	0392
U+0398	Θ	920	Greek Capital Letter Theta	0393
U+0399	Ι	921	Greek Capital Letter Iota	0394
U+039A	Κ	922	Greek Capital Letter Kappa	0395
U+039B	Λ	923	Greek Capital Letter Lambda	0396
U+039C	Μ	924	Greek Capital Letter Mu	0397
U+039D	Ν	925	Greek Capital Letter Nu	0398
U+039E	Ξ	926	Greek Capital Letter Xi	0399
U+039F	Ο	927	Greek Capital Letter Omicron	0400
U+03A0	Π	928	Greek Capital Letter Pi	0401
U+03A1	Ρ	929	Greek Capital Letter Rho	0402
U+03A3	Σ	931	Greek Capital Letter Sigma	0403
U+03A4	Τ	932	Greek Capital Letter Tau	0404
U+03A5	Υ	933	Greek Capital Letter Upsilon	0405
U+03A6	Φ	934	Greek Capital Letter Phi	0406
U+03A7	Χ	935	Greek Capital Letter Chi	0407
U+03A8	Ψ	936	Greek Capital Letter Psi	0408
U+03A9	Ω	937	Greek Capital Letter Omega	0409
U+03AA	Ϳ	938	Greek Capital Letter Iota with diaeresis	0410
U+03AB	Ϳ	939	Greek Capital Letter Upsilon with diaeresis	0411
U+03AC	α	940	Greek Small Letter Alpha with acute accent	0412
Code	Glyph	Decimal	Description	#

Code	Glyph	Decimal	Description	#
U+03AD	έ	941	Greek Small Letter Epsilon with acute accent	0413
U+03AE	ή	942	Greek Small Letter Eta with acute accent	0414
U+03AF	ί	943	Greek Small Letter Iota with acute accent	0415
U+03B0	ϋ	944	Greek Small Letter Upsilon with diaeresis and acute accent	0416
U+03B1	α	945	Greek Small Letter Alpha	0417
U+03B2	β	946	Greek Small Letter Beta	0418
U+03B3	γ	947	Greek Small Letter Gamma	0419
U+03B4	δ	948	Greek Small Letter Delta	0420
U+03B5	ε	949	Greek Small Letter Epsilon	0421
U+03B6	ζ	950	Greek Small Letter Zeta	0422
U+03B7	η	951	Greek Small Letter Eta	0423
U+03B8	θ	952	Greek Small Letter Theta	0424
U+03B9	ι	953	Greek Small Letter Iota	0425
U+03BA	κ	954	Greek Small Letter Kappa	0426
U+03BB	λ	955	Greek Small Letter Lambda	0427
U+03BC	μ	956	Greek Small Letter Mu	0428
U+03BD	ν	957	Greek Small Letter Nu	0429
U+03BE	ξ	958	Greek Small Letter Xi	0430
U+03BF	ο	959	Greek Small Letter Omicron	0431
U+03C0	π	960	Greek Small Letter Pi	0432
U+03C1	ρ	961	Greek Small Letter Rho	0433
U+03C2	ς	962	Greek Small Letter Final Sigma	0434
U+03C3	σ	963	Greek Small Letter Sigma	0435
U+03C4	τ	964	Greek Small Letter Tau	0436
U+03C5	υ	965	Greek Small Letter Upsilon	0437
U+03C6	φ	966	Greek Small Letter Phi	0438
U+03C7	χ	967	Greek Small Letter Chi	0439
U+03C8	ψ	968	Greek Small Letter Psi	0440
U+03C9	ω	969	Greek Small Letter Omega	0441
U+03CA	ϊ	970	Greek Small Letter Iota with diaeresis	0442
U+03CB	ϋ	971	Greek Small Letter Upsilon with diaeresis	0443
U+03CC	ό	972	Greek Small Letter Omicron with acute accent	0444
U+03CD	ύ	973	Greek Small Letter Upsilon with acute accent	0445
U+03CE	ώ	974	Greek Small Letter Omega with acute accent	0446
U+03CF	Ϸ	975	Greek Capital Kai Symbol	·
U+03D0	Ϸ	976	Greek Beta Symbol	·
U+03D1	ϸ	977	Greek Theta Symbol	
U+03D2	Ϻ	978	Greek Upsilon with hook Symbol	
U+03D3	ϻ	979	Greek Upsilon with acute and hook Symbol	
U+03D4	ϼ	980	Greek Upsilon with diaeresis and hook Symbol	
U+03D5	ϕ	981	Greek Phi Symbol	
U+03D6	ϖ	982	Greek Pi Symbol	
U+03D7	ϣ	983	Greek Kai Symbol	0447
U+03D8	Ϟ	984	Greek Letter <u>Qoppa</u>	·
U+03D9	ϟ	985	Greek Small Letter Qoppa	
U+03DA	Ϡ	986	Greek Letter <u>Stigma (letter)</u>	0448
U+03DB	ϡ	987	Greek Small Letter Stigma	0449
U+03DC	Ϣ	988	Greek Letter <u>Digamma</u>	0450
U+03DD	ϣ	989	Greek Small Letter Digamma	0451
U+03DE	Ϥ	990	Greek Letter Koppa	0452
U+03DF	ϥ	991	Greek Small Letter Koppa	0453
U+03E0	Ϧ	992	Greek Letter <u>Sampi</u>	0454
Code	Glyph	Decimal	Description	#

Code	Glyph	Decimal	Description	#
U+03E1	Ͱ	993	Greek Small Letter Sampi	0455
U+03E2	ͱ	994	Coptic Capital Letter Shei	
U+03E3	Ͳ	995	Coptic Small Letter Shei	
U+03E4	ͳ	996	Coptic Capital Letter Fei	
U+03E5	ʹ	997	Coptic Small Letter Fei	
U+03E6	͵	998	Coptic Capital Letter Khei	
U+03E7	Ͷ	999	Coptic Small Letter Khei	
U+03E8	ͷ	1000	Coptic Capital Letter Hori	
U+03E9	͸	1001	Coptic Small Letter Hori	
U+03EA	͹	1002	Coptic Capital Letter Gangia	
U+03EB	ͺ	1003	Coptic Small Letter Gangia	
U+03EC	ͻ	1004	Coptic Capital Letter Shima	
U+03ED	ͼ	1005	Coptic Small Letter Shima	
U+03EE	ͽ	1006	Coptic Capital Letter Dei	
U+03EF	Ϳ	1007	Coptic Small Letter Dei	
U+03F0	̀	1008	Greek Kappa Symbol	
U+03F1	́	1009	Greek Rho Symbol	
U+03F2	͂	1010	Greek Lunate Sigma Symbol	
U+03F3	̓	1011	Greek Letter Yot	
U+03F4	̈́	1012	Greek Capital Theta Symbol	
U+03F5	ͅ	1013	Greek Lunate Epsilon Symbol	
U+03F6	͆	1014	Greek Reversed Lunate Epsilon Symbol	
U+03F7	͇	1015	Greek Capital <u>Sho</u>	
U+03F8	͈	1016	Greek Small Letter Sho	
U+03F9	͉	1017	Greek Capital Lunate Sigma Symbol	
U+03FA	͊	1018	Greek Capital <u>San</u>	
U+03FB	͋	1019	Greek Small Letter San	
U+03FC	͌	1020	Greek Rho with stroke Symbol	
U+03FD	͍	1021	Greek Capital Reversed Lunate Sigma Symbol	
U+03FE	͎	1022	Greek Capital Dotted Lunate Sigma Symbol	
U+03FF	͏	1023	Greek Capital Reversed Dotted Lunate Sigma Symbol	
Code	Glyph	Decimal	Description	#

Greek Extended

For polytonic orthography. 256 code points; 233 assigned characters, all in the MES-2 subset (#670 – 902).

Greek Extended ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U1F00.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+1F0x	ᲀ	ᲁ	ᲂ	ᲃ	ᲄ	ᲅ	ᲆ	ᲇ	ᲈ	Ᲊ	Ა	Ბ	Გ	Დ	Ე	Ვ
U+1F1x	Ზ	Თ	Ი	Კ	Ლ	Მ			Პ	Ჟ	Რ	Ს	Ტ	Უ		
U+1F2x	Ფ	Ქ	Ღ	Ყ	Შ	Ჩ	Ც	Ძ	Წ	Ჭ	Ხ	Ჯ	Ჰ	Ჱ	Ჲ	Ჳ
U+1F3x	Ჴ	Ჵ	Ჶ	Ჷ	Ჸ	Ჹ	Ჺ	᲻	᲼	Ჽ	Ჾ	Ჿ	Რ	Ს	Ტ	Უ
U+1F4x	Ქ	Ღ	Ყ	Შ	Ჩ	Ც			Ჯ	Ჰ	Ჱ	Ჲ	Ჳ	Ჴ		
U+1F5x	Ჶ	Ჷ	Ჸ	Ჹ	Ჺ	᲻	᲼	Ჽ		Ჿ		Რ		Ს		Ტ
U+1F6x	Რ	Ს	Ტ	Უ	Ფ	Ქ	Ღ	Ყ	Შ	Ჩ	Ჰ	Ჱ	Ჲ	Ჳ	Ჴ	Ჵ
U+1F7x	Ჶ	Ჷ	Ჸ	Ჹ	Ჺ	᲻	᲼	Ჽ	Ჾ	Ჿ	Რ	Ს	Ტ	Უ		
U+1F8x	Ჶ	Ჷ	Ჸ	Ჹ	Ჺ	᲻	᲼	Ჽ	Ჾ	Ჿ	Რ	Ს	Ტ	Უ	Ჴ	Ჵ
U+1F9x	Ფ	Ქ	Ღ	Ყ	Შ	Ჩ	Ც	Ძ	Წ	Ჭ	Ხ	Ჯ	Ჰ	Ჱ	Ჲ	Ჳ
U+1FAx	Რ	Ს	Ტ	Უ	Ფ	Ქ	Ღ	Ყ	Შ	Ჩ	Ჰ	Ჱ	Ჲ	Ჳ	Ჴ	Ჵ
U+1FBx	Ჶ	Ჷ	Ჸ	Ჹ	Ჺ		᲼	Ჽ	Ჾ	Ჿ	Რ	Ს	Ტ	Უ	Ჴ	Ჵ
U+1FCx	Ჶ	Ჷ	Ჸ	Ჹ	Ჺ		᲼	Ჽ	Ჾ	Ჿ	Რ	Ს	Ტ	Უ	Ჴ	Ჵ
U+1FDx	Ჶ	Ჷ	Ჸ	Ჹ			᲼	Ჽ	Ჾ	Ჿ	Რ	Ს			Ჴ	Ჵ
U+1FEx	Ჶ	Ჷ	Ჸ	Ჹ	Ჺ	᲻	᲼	Ჽ	Ჾ	Ჿ	Რ	Ს	Ტ	Უ	Ჴ	Ჵ
U+1FFx			Რ	Ს	Ტ		Ფ	Ქ	Ღ	Ყ	Შ	Ჩ	Ჰ	Ჱ	Ჲ	
Notes																
1.^ As of Unicode version 13.0																
2.^ Grey areas indicate non-assigned code points																

Cyrillic

256 characters; 191 in the MES-2 subset.

Code	Glyph	Description	#
U+0400	ѐ	Cyrillic Capital Letter Ie with grave	0456
U+0401	Ё	Cyrillic Capital Letter Io	0457
U+0402	Ђ	Cyrillic Capital Letter Dje	0458
U+0403	Ѓ	Cyrillic Capital Letter Gje	0459
U+0404	Є	Cyrillic Capital Letter Ukrainian Ie	0460
U+0405	Ѕ	Cyrillic Capital Letter Dze	0461
U+0406	І	Cyrillic Capital Letter Byelorussian-Ukrainian I	0462
U+0407	Ї	Cyrillic Capital Letter Yi	0463
U+0408	Ј	Cyrillic Capital Letter Je	0464
U+0409	Љ	Cyrillic Capital Letter Lje	0465
U+040A	Њ	Cyrillic Capital Letter Nje	0466
U+040B	Ѡ	Cyrillic Capital Letter Tshe	0467
U+040C	Ќ	Cyrillic Capital Letter Kje	0468
U+040D	Ў	Cyrillic Capital Letter I with grave	0469
U+040E	Ѣ	Cyrillic Capital Letter Short U	0470
U+040F	Ѥ	Cyrillic Capital Letter Dzhe	0471
U+0410	Ѧ	Cyrillic Capital Letter A	0472
U+0411	Ѣ	Cyrillic Capital Letter Be	0473
U+0412	Ѧ	Cyrillic Capital Letter Ve	0474
U+0413	Ѧ	Cyrillic Capital Letter Ghe	0475
U+0414	Ѧ	Cyrillic Capital Letter De	0476
U+0415	Ѧ	Cyrillic Capital Letter Ie	0477
U+0416	Ѧ	Cyrillic Capital Letter Zhe	0478
U+0417	Ѧ	Cyrillic Capital Letter Ze	0479
U+0418	Ѧ	Cyrillic Capital Letter I	0480
U+0419	Ѧ	Cyrillic Capital Letter Short I	0481
U+041A	Ѧ	Cyrillic Capital Letter Ka	0482
U+041B	Ѧ	Cyrillic Capital Letter El	0483
U+041C	Ѧ	Cyrillic Capital Letter Em	0484
U+041D	Ѧ	Cyrillic Capital Letter En	0485
U+041E	Ѧ	Cyrillic Capital Letter O	0486
U+041F	Ѧ	Cyrillic Capital Letter Pe	0487
U+0420	Ѧ	Cyrillic Capital Letter Er	0488
U+0421	Ѧ	Cyrillic Capital Letter Es	0489
U+0422	Ѧ	Cyrillic Capital Letter Te	0490
U+0423	Ѧ	Cyrillic Capital Letter U	0491
U+0424	Ѧ	Cyrillic Capital Letter Ef	0492
U+0425	Ѧ	Cyrillic Capital Letter Ha	0493
U+0426	Ѧ	Cyrillic Capital Letter Tse	0494
U+0427	Ѧ	Cyrillic Capital Letter Che	0495
U+0428	Ѧ	Cyrillic Capital Letter Sha	0496
U+0429	Ѧ	Cyrillic Capital Letter Shcha	0497
U+042A	Ѧ	Cyrillic Capital Letter Hard Sign	0498
U+042B	Ѧ	Cyrillic Capital Letter Yeru	0499
U+042C	Ѧ	Cyrillic Capital Letter Soft Sign	0500
U+042D	Ѧ	Cyrillic Capital Letter E	0501
U+042E	Ѧ	Cyrillic Capital Letter Yu	0502
U+042F	Ѧ	Cyrillic Capital Letter Ya	0503
U+0430	а	Cyrillic Small Letter A	0504
U+0431	б	Cyrillic Small Letter Be	0505
U+0432	в	Cyrillic Small Letter Ve	0506
U+0433	г	Cyrillic Small Letter Ghe	0507
Code	Glyph	Description	#

Code	Glyph	Description	#
U+0434	д	Cyrillic Small Letter De	0508
U+0435	е	Cyrillic Small Letter Ie	0509
U+0436	ж	Cyrillic Small Letter Zhe	0510
U+0437	з	Cyrillic Small Letter Ze	0511
U+0438	и	Cyrillic Small Letter I	0512
U+0439	й	Cyrillic Small Letter Short I	0513
U+043A	к	Cyrillic Small Letter Ka	0514
U+043B	л	Cyrillic Small Letter El	0515
U+043C	м	Cyrillic Small Letter Em	0516
U+043D	н	Cyrillic Small Letter En	0517
U+043E	о	Cyrillic Small Letter O	0518
U+043F	п	Cyrillic Small Letter Pe	0519
U+0440	р	Cyrillic Small Letter Er	0520
U+0441	с	Cyrillic Small Letter Es	0521
U+0442	т	Cyrillic Small Letter Te	0522
U+0443	у	Cyrillic Small Letter U	0523
U+0444	ф	Cyrillic Small Letter Ef	0524
U+0445	х	Cyrillic Small Letter Ha	0525
U+0446	ц	Cyrillic Small Letter Tse	0526
U+0447	ч	Cyrillic Small Letter Che	0527
U+0448	ш	Cyrillic Small Letter Sha	0528
U+0449	щ	Cyrillic Small Letter Shcha	0529
U+044A	ъ	Cyrillic Small Letter Hard Sign	0530
U+044B	ы	Cyrillic Small Letter Yeru	0531
U+044C	ь	Cyrillic Small Letter Soft Sign	0532
U+044D	э	Cyrillic Small Letter E	0533
U+044E	ю	Cyrillic Small Letter Yu	0534
U+044F	я	Cyrillic Small Letter Ya	0535
U+0450	ѐ	Cyrillic Small Letter Ie with grave	0536
U+0451	ё	Cyrillic Small Letter Io	0537
U+0452	ђ	Cyrillic Small Letter Dje	0538
U+0453	ѓ	Cyrillic Small Letter Gje	0539
U+0454	є	Cyrillic Small Letter Ukrainian Ie	0540
U+0455	ѕ	Cyrillic Small Letter Dze	0541
U+0456	і	Cyrillic Small Letter Byelorussian-Ukrainian I	0542
U+0457	ї	Cyrillic Small Letter Yi	0543
U+0458	ј	Cyrillic Small Letter Je	0544
U+0459	љ	Cyrillic Small Letter Lje	0545
U+045A	њ	Cyrillic Small Letter Nje	0546
U+045B	ћ	Cyrillic Small Letter Tshe	0547
U+045C	ќ	Cyrillic Small Letter Kje	0548
U+045D	ѝ	Cyrillic Small Letter I with grave	0549
U+045E	џ	Cyrillic Small Letter Short U	0550
U+045F	ѡ	Cyrillic Small Letter Dzhe	0551
U+0460	Ω	Cyrillic Capital Letter Omega	·
U+0461	ω	Cyrillic Small Letter Omega	
U+0462	Ѣ	Cyrillic Capital Letter Yat	
U+0463	ѣ	Cyrillic Small Letter Yat	
U+0464	Ѕ	Cyrillic Capital Letter Iotified E	
U+0465	ѕ	Cyrillic Small Letter Iotified E	
U+0466	А	Cyrillic Capital Letter Little Yus	
U+0467	а	Cyrillic Small Letter Little Yus	
Code	Glyph	Description	#

Code	Glyph	Description	#
U+0468	Ѧ	Cyrillic Capital Letter Iotified Little Yus	
U+0469	ѧ	Cyrillic Small Letter Iotified Little Yus	
U+046A	Ѩ	Cyrillic Capital Letter Big Yus	
U+046B	ѩ	Cyrillic Small Letter Big Yus	
U+046C	Ѫ	Cyrillic Capital Letter Iotified Big Yus	
U+046D	ѫ	Cyrillic Small Letter Iotified Big Yus	
U+046E	Ѭ	Cyrillic Capital Letter Ksi	
U+046F	ѭ	Cyrillic Small Letter Ksi	
U+0470	Ѯ	Cyrillic Capital Letter Psi	
U+0471	ѯ	Cyrillic Small Letter Psi	
U+0472	Ѱ	Cyrillic Capital Letter Fita	
U+0473	ѱ	Cyrillic Small Letter Fita	
U+0474	Ѳ	Cyrillic Capital Letter Izhitsa	
U+0475	ѳ	Cyrillic Small Letter Izhitsa	
U+0476	Ѵ	Cyrillic Capital Letter Izhitsa with double grave accent	
U+0477	ѵ	Cyrillic Small Letter Izhitsa with double grave accent	
U+0478	Ѷ	Cyrillic Capital Letter Uk	
U+0479	ѷ	Cyrillic Small Letter Uk	
U+047A	Ѹ	Cyrillic Capital Letter Round Omega	
U+047B	ѹ	Cyrillic Small Letter Round Omega	
U+047C	Ѻ	Cyrillic Capital Letter Omega with Titlo	
U+047D	ѻ	Cyrillic Small Letter Omega with Titlo	
U+047E	Ѽ	Cyrillic Capital Letter Ot	
U+047F	ѽ	Cyrillic Small Letter Ot	
U+0480	Ѿ	Cyrillic Capital Letter Koppa	
U+0481	ѿ	Cyrillic Small Letter Koppa	
U+0482	Ѡ	Cyrillic Thousands Sign	
U+0483	ѡ	Combining Cyrillic Titlo	
U+0484	Ѣ	Combining Cyrillic Palatalization	
U+0485	ѣ	Combining Cyrillic Dasia Pneumata	
U+0486	Ѥ	Combining Cyrillic Psili Pneumata	
U+0487	ѥ	Combining Cyrillic Pokrytie	
U+0488	Ѧ	Combining Cyrillic Hundred Thousands Sign	
U+0489	ѧ	Combining Cyrillic Millions Sign	
U+048A	Ѩ	Cyrillic Capital Letter Short I with tail	
U+048B	ѩ	Cyrillic Small Letter Short I with tail	
U+048C	Ѫ	Cyrillic Capital Letter Semisoft Sign	
U+048D	ѫ	Cyrillic Small Letter Semisoft Sign	
U+048E	Ѭ	Cyrillic Capital Letter Er with tick	
U+048F	ѭ	Cyrillic Small Letter Er with tick	
U+0490	Ѯ	Cyrillic Capital Letter Ghe with upturn	0552
U+0491	ѯ	Cyrillic Small Letter Ghe with upturn	0553
U+0492	Ѱ	Cyrillic Capital Letter Ghe with stroke	0554
U+0493	ѱ	Cyrillic Small Letter Ghe with stroke	0555
U+0494	Ѳ	Cyrillic Capital Letter Ghe with middle hook	0556
U+0495	ѳ	Cyrillic Small Letter Ghe with middle hook	0557
U+0496	Ѵ	Cyrillic Capital Letter Zhe with descender	0558
U+0497	ѵ	Cyrillic Small Letter Zhe with descender	0559
U+0498	Ѷ	Cyrillic Capital Letter Ze with descender	0560
U+0499	ѷ	Cyrillic Small Letter Ze with descender	0561
U+049A	Ѹ	Cyrillic Capital Letter Ka with descender	0562
U+049B	ѹ	Cyrillic Small Letter Ka with descender	0563
Code	Glyph	Description	#

Code	Glyph	Description	#
U+049C	Ѐ	Cyrillic Capital Letter Ka with vertical stroke	0564
U+049D	ѐ	Cyrillic Small Letter Ka with vertical stroke	0565
U+049E	Ё	Cyrillic Capital Letter Ka with stroke	0566
U+049F	ё	Cyrillic Small Letter Ka with stroke	0567
U+04A0	Ќ	Cyrillic Capital Letter Bashkir Ka	0568
U+04A1	ќ	Cyrillic Small Letter Bashkir Ka	0569
U+04A2	Ҁ	Cyrillic Capital Letter En with descender	0570
U+04A3	ҁ	Cyrillic Small Letter En with descender	0571
U+04A4	҂	Cyrillic Capital Ligature En Ghe	0572
U+04A5	҃	Cyrillic Small Ligature En Ghe	0573
U+04A6	҄	Cyrillic Capital Letter Pe with middle hook	0574
U+04A7	҅	Cyrillic Small Letter Pe with middle hook	0575
U+04A8	҆	Cyrillic Capital Letter Abkhazian Ha	0576
U+04A9	҇	Cyrillic Small Letter Abkhazian Ha	0577
U+04AA	҈	Cyrillic Capital Letter Es with descender	0578
U+04AB	҉	Cyrillic Small Letter Es with descender	0579
U+04AC	Ҋ	Cyrillic Capital Letter Te with descender	0580
U+04AD	ҋ	Cyrillic Small Letter Te with descender	0581
U+04AE	Ҍ	Cyrillic Capital Letter Straight U	0582
U+04AF	ҍ	Cyrillic Small Letter Straight U	0583
U+04B0	Ҏ	Cyrillic Capital Letter Straight U with stroke	0584
U+04B1	ҏ	Cyrillic Small Letter Straight U with stroke	0585
U+04B2	ҏ̇	Cyrillic Capital Letter Ha with descender	0586
U+04B3	ҙ	Cyrillic Small Letter Ha with descender	0587
U+04B4	Ҕ	Cyrillic Capital Ligature Te Tse	0588
U+04B5	ҕ	Cyrillic Small Ligature Te Tse	0589
U+04B6	Җ	Cyrillic Capital Letter Che with descender	0590
U+04B7	җ	Cyrillic Small Letter Che with descender	0591
U+04B8	Ҙ	Cyrillic Capital Letter Che with vertical stroke	0592
U+04B9	ҙ	Cyrillic Small Letter Che with vertical stroke	0593
U+04BA	Ҡ	Cyrillic Capital Letter Shha	0594
U+04BB	қ	Cyrillic Small Letter Shha	0595
U+04BC	Ң	Cyrillic Capital Letter Abkhazian Che	0596
U+04BD	ң	Cyrillic Small Letter Abkhazian Che	0597
U+04BE	Ҥ	Cyrillic Capital Letter Abkhazian Che with descender	0598
U+04BF	ҥ	Cyrillic Small Letter Abkhazian Che with descender	0599
U+04C0	І	Cyrillic Letter Palochka	0600
U+04C1	Ӏ	Cyrillic Capital Letter Zhe with breve	0601
U+04C2	Ӂ	Cyrillic Small Letter Zhe with breve	0602
U+04C3	ӂ	Cyrillic Capital Letter Ka with hook	0603
U+04C4	Ӄ	Cyrillic Small Letter Ka with hook	0604
U+04C5	ӄ	Cyrillic Capital Letter El with tail	.
U+04C6	Ӆ	Cyrillic Small Letter El with tail	
U+04C7	ӆ	Cyrillic Capital Letter En with hook	0605
U+04C8	Ӈ	Cyrillic Small Letter En with hook	0606
U+04C9	ӈ	Cyrillic Capital Letter En with tail	.
U+04CA	Ӊ	Cyrillic Small Letter En with tail	
U+04CB	ӊ	Cyrillic Capital Letter Khakassian Che	0607
U+04CC	Ӌ	Cyrillic Small Letter Khakassian Che	0608
U+04CD	ӌ	Cyrillic Capital Letter Em with tail	.
U+04CE	Ӎ	Cyrillic Small Letter Em with tail	
U+04CF	ӎ	Cyrillic Small Letter Palochka	
Code	Glyph	Description	#

Code	Glyph	Description	#
U+04D0	Ӑ	Cyrillic Capital Letter A with breve	0609
U+04D1	ӑ	Cyrillic Small Letter A with breve	0610
U+04D2	Ӓ	Cyrillic Capital Letter A with diaeresis	0611
U+04D3	ӓ	Cyrillic Small Letter A with diaeresis	0612
U+04D4	Ӕ	Cyrillic Capital Ligature A Ie	0613
U+04D5	ӕ	Cyrillic Small Ligature A Ie	0614
U+04D6	Ӗ	Cyrillic Capital Letter Ie with breve	0615
U+04D7	ӗ	Cyrillic Small Letter Ie with breve	0616
U+04D8	Ә	Cyrillic Capital Letter Schwa	0617
U+04D9	ә	Cyrillic Small Letter Schwa	0618
U+04DA	Ә	Cyrillic Capital Letter Schwa with diaeresis	0619
U+04DB	ә	Cyrillic Small Letter Schwa with diaeresis	0620
U+04DC	Ӛ	Cyrillic Capital Letter Zhe with diaeresis	0621
U+04DD	ӛ	Cyrillic Small Letter Zhe with diaeresis	0622
U+04DE	Ӝ	Cyrillic Capital Letter Ze with diaeresis	0623
U+04DF	ӝ	Cyrillic Small Letter Ze with diaeresis	0624
U+04E0	Ӟ	Cyrillic Capital Letter Abkhazian Dze	0625
U+04E1	ӟ	Cyrillic Small Letter Abkhazian Dze	0626
U+04E2	Ӡ	Cyrillic Capital Letter I with macron	0627
U+04E3	ӡ	Cyrillic Small Letter I with macron	0628
U+04E4	Ӣ	Cyrillic Capital Letter I with diaeresis	0629
U+04E5	ӣ	Cyrillic Small Letter I with diaeresis	0630
U+04E6	Ӥ	Cyrillic Capital Letter O with diaeresis	0631
U+04E7	ӥ	Cyrillic Small Letter O with diaeresis	0632
U+04E8	Ӧ	Cyrillic Capital Letter Barred O	0633
U+04E9	ӧ	Cyrillic Small Letter Barred O	0634
U+04EA	Ө	Cyrillic Capital Letter Barred O with diaeresis	0635
U+04EB	ө	Cyrillic Small Letter Barred O with diaeresis	0636
U+04EC	Ӫ	Cyrillic Capital Letter E with diaeresis	.
U+04ED	ӫ	Cyrillic Small Letter E with diaeresis	
U+04EE	Ӭ	Cyrillic Capital Letter U with macron	0637
U+04EF	ӭ	Cyrillic Small Letter U with macron	0638
U+04F0	Ӯ	Cyrillic Capital Letter U with diaeresis	0639
U+04F1	ӯ	Cyrillic Small Letter U with diaeresis	0640
U+04F2	Ӱ	Cyrillic Capital Letter U with double acute	0641
U+04F3	ӱ	Cyrillic Small Letter U with double acute	0642
U+04F4	Ӳ	Cyrillic Capital Letter Che with diaeresis	0643
U+04F5	ӳ	Cyrillic Small Letter Che with diaeresis	0644
U+04F6	Ӵ	Cyrillic Capital Letter Ghe with descender	.
U+04F7	ӵ	Cyrillic Small Letter Ghe with descender	
U+04F8	Ӷ	Cyrillic Capital Letter Yeru with diaeresis	0645
U+04F9	ӷ	Cyrillic Small Letter Yeru with diaeresis	0646
U+04FA	Ӹ	Cyrillic Capital Letter Ghe with stroke and hook	.
U+04FB	ӹ	Cyrillic Small Letter Ghe with stroke and hook	
U+04FC	Ӻ	Cyrillic Capital Letter Ha with hook	
U+04FD	ӻ	Cyrillic Small Letter Ha with hook	
U+04FE	Ӽ	Cyrillic Capital Letter Ha with stroke	
U+04FF	ӽ	Cyrillic Small Letter Ha with stroke	
Code	Glyph	Description	#

Cyrillic supplements

- Cyrillic Supplement (Unicode block)
- Cyrillic Extended-A (Unicode block)

- [Cyrillic Extended-B \(Unicode block\)](#)
- [Cyrillic Extended-C \(Unicode block\)](#)

Armenian

- [Armenian \(Unicode block\)](#)

Semitic languages

- [Arabic script in Unicode](#), including the [Persian alphabet](#), [Jawi alphabet](#) and others
- [Unicode and HTML for the Hebrew alphabet](#)
- [Mandaic \(Unicode block\)](#)
- [Samaritan \(Unicode block\)](#)
- [Syriac \(Unicode block\)](#)
- [Syriac Supplement \(Unicode block\)](#)

Thaana

- [Thaana \(Unicode block\)](#)

Brahmic (Indic) scripts

The range from U+0900 to U+0DFF includes [Devanagari](#), [Bengali script](#), [Gurmukhi](#), [Gujarati script](#), [Odia alphabet](#), [Tamil script](#), [Telugu script](#), [Kannada script](#), [Malayalam script](#), and [Sinhala script](#).

- [Devanagari in Unicode](#)
- [Bengali \(Unicode block\)](#)
- [Gurmukhi \(Unicode block\)](#)
- [Gujarati \(Unicode block\)](#)
- [Oriya \(Unicode block\)](#)
- [Tamil \(Unicode block\)](#)
- [Tamil Supplement \(Unicode block\)](#)
- [Telugu \(Unicode block\)](#)
- [Kannada \(Unicode block\)](#)
- [Malayalam \(Unicode block\)](#)
- [Sinhala \(Unicode block\)](#)
- [Sinhala Archaic Numbers \(Unicode block\)](#)

Other Brahmic and Indic scripts in Unicode include:

- | | |
|---|---|
| ▪ Ahom (Unicode block) | ▪ Makasar (Unicode block) |
| ▪ Balinese (Unicode block) | ▪ Marchen (Unicode block) |
| ▪ Batak (Unicode block) | ▪ Meetei Mayek (Unicode block) |
| ▪ Bhaiksuki (Unicode block) | ▪ Meetei Mayek Extensions (Unicode block) |
| ▪ Brahmi (Unicode block) | ▪ Modi (Unicode block) |
| ▪ Buhid (Unicode block) | ▪ Multani (Unicode block) |
| ▪ Buginese (Unicode block) | ▪ Myanmar (Unicode block) |
| ▪ Chakma (Unicode block) | ▪ New Tai Lue (Unicode block) |
| ▪ Cham (Unicode block) | ▪ Newa (Unicode block) |
| ▪ Common Indic Number Forms (Unicode block) | ▪ Ol Chiki (Unicode block) |
| ▪ Dives Akuru (Unicode block) | ▪ Phags-pa (Unicode block) |
| ▪ Dogra (Unicode block) | ▪ Rejang (Unicode block) |
| ▪ Grantha (Unicode block) | ▪ Saurashtra (Unicode block) |
| ▪ Gunjala Gondi (Unicode block) | ▪ Sharada (Unicode block) |
| ▪ Hanunoo (Unicode block) | ▪ Siddham (Unicode block) |
| ▪ Javanese (Unicode block) | ▪ Sundanese (Unicode block) |
| ▪ Kaithi (Unicode block) | ▪ Sundanese Supplement (Unicode block) |
| ▪ Khmer (Unicode block) | ▪ Syloti Nagri (Unicode block) |
| ▪ Khmer Symbols (Unicode block) | ▪ Tagalog (Unicode block) |
| ▪ Khojki (Unicode block) | ▪ Tagbanwa (Unicode block) |
| ▪ Khudawadi (Unicode block) | ▪ Tai Le (Unicode block) |
| ▪ Lao (Unicode block) | ▪ Tai Tham (Unicode block) |
| ▪ Lepcha (Unicode block) | ▪ Tai Viet (Unicode block) |
| ▪ Limbu (Unicode block) | ▪ Takri (Unicode block) |
| ▪ Mahajani (Unicode block) | ▪ Thai (Unicode block) |

- [Tibetan \(Unicode block\)](#)
- [Tirhuta \(Unicode block\)](#)

Other south and central Asian writing systems

- [Masaram Gondi \(Unicode block\)](#)
- [Mro \(Unicode block\)](#)
- [Sora Sompeng \(Unicode block\)](#)
- [Warang Citi \(Unicode block\)](#)

Georgian

- [Georgian \(Unicode block\)](#)
- [Georgian Extended \(Unicode block\)](#)
- [Georgian Supplement \(Unicode block\)](#)

African scripts

- [Adlam \(Unicode block\)](#)
- [Bamum \(Unicode block\)](#)
- [Bamum Supplement \(Unicode block\)](#)
- [Bassa Vah \(Unicode block\)](#)
- [Ge'ez/Ethiopic script](#)
- [Medefaidrin \(Unicode block\)](#)
- [Mende Kikakui \(Unicode block\)](#)
- [Nko \(Unicode block\)](#)
- [Osmanya \(Unicode block\)](#)
- [Ottoman Siyaq Numbers \(Unicode block\)](#)
- [Tifinagh \(Unicode block\)](#)
- [Vai \(Unicode block\)](#)

American scripts

- [Cherokee \(Unicode block\)](#)
- [Cherokee Supplement \(Unicode block\)](#)
- [Deseret \(Unicode block\)](#)
- [Osage \(Unicode block\)](#)
- [Unified Canadian Aboriginal Syllabics \(Unicode block\)](#)
- [Unified Canadian Aboriginal Syllabics Extended \(Unicode block\)](#)

Mongolian

- [Mongolian \(Unicode block\)](#)
- [Mongolian Supplement \(Unicode block\)](#)

Unicode symbols

Code	Glyph	Description	#
U+2013	–	En dash	0903
U+2014	—	Em dash	0904
U+2015	—	Horizontal bar	0905
U+2017	=	Double low line	0906
U+2018	‘	Left single quotation mark	0907
U+2019	’	Right single quotation mark	0908
U+201A	,	Single low-9 quotation mark	0909
U+201B	’	Single high-reversed-9 quotation mark	0910
U+201C	“	Left double quotation mark	0911
U+201D	”	Right double quotation mark	0912
U+201E	„	Double low-9 quotation mark	0913
U+2020	†	Dagger	0914
U+2021	‡	Double dagger	0915
U+2022	•	Bullet	0916
U+2026	...	Horizontal ellipsis	0917
U+2030	‰	Per mille sign	0918
U+2032	′	Prime	0919
U+2033	″	Double prime	0920
U+2039	‹	Single left-pointing angle quotation mark	0921
U+203A	›	Single right-pointing angle quotation mark	0922
U+203C	!!	Double exclamation mark	0923
U+203E	¯	Overline	0924
U+2044	/	Fraction slash	0925
U+204A	ʔ	Tironian et sign	0926
Code	Glyph	Description	#

General Punctuation

112 code points; 111 assigned characters; 24 in the MES-2 subset.

General Punctuation ^{[1][2][3]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2000.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+200x	NQ SP	MQ SP	EN SP	EM SP	3/M SP	4/M SP	6/M SP	F SP	P SP	TH SP	H SP	ZW SP	ZW NJ	ZW J	LRM	RLM
U+201x	-	NB -	—	—	—	—	 	=	‘	’	‚	ˆ	“	”	„	”
U+202x	†	‡	•	►	◦	◌◌	◌◌◌	◌	L SEP	P SEP	LRE	RLE	PDF	LRO	RLO	NNB SP
U+203x	‰	‱	′	″	‴	⁂	⁃	⁄	△	◁	▷	⌘	!!	‽	—	⸮
U+204x	—	⁀	✱	⁂	/	[]	??	?! 	!?	7	ℙ	◄	►	*	⋮
U+205x	⸮	* 	%	~	⸮	*	◌◌	⁂	◌◌	◌◌	⋮	◌◌	⸮	⋮	⋮	MM SP
U+206x	WJ	f0	×	,	+		LRI	RLI	FSI	PDI	I SS	A SS	I AFS	A AFS	NA DS	NO DS
<div>Notes</div> <div><div>1. [^] As of Unicode version 13.0</div><div>2. [^] Grey area indicates non-assigned code point</div><div>3. [^] Unicode code points U+206A - U+206F are deprecated as of Unicode version 3.0</div></div>																

Superscripts and Subscripts

Superscripts and Subscripts ^{[1][2][3]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2070.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+207x	⁰	¹			⁴	⁵	⁶	⁷	⁸	⁹	+	−	=	()	ₙ
U+208x	ₐ	ᵇ	ᶜ	ᵈ	ᵉ	ᶠ	ᶡ	ᶢ	ᶣ	ᶤ	+	−	=	()	
U+209x	ₐ	ᵇ	ᶜ	ᵈ	ᵉ	ᶠ	ᶡ	ᶢ	ᶣ	ᶤ	ₚ	ₛ	ₜ			
Notes <div>1. [^] As of Unicode version 13.0</div> <div>2. [^] Grey areas indicate non-assigned code points</div> <div>3. [^] Refer to the Latin-1 Supplement Unicode block for characters ¹ (U+00B9), ² (U+00B2) and ³ (U+00B3)</div>																

Currency Symbols

Currency Symbols ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U20A0.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+20Ax	₣	₧	₨	₪	€	₭	₮	₯	₱	₲	₳	₴	₵	₶	₷	₸
U+20Bx	₹	₺	₻	₼	₽	₾	₿	₠	₡	₢	₣	₤	₥	₦	₧	₨
U+20Cx																
Notes <div>1. [^] As of Unicode version 13.0</div> <div>2. [^] Grey areas indicate non-assigned code points</div>																

Letterlike Symbols

Letterlike Symbols ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2100.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+210x	ℳ	ℒ	℔	℥	Ω	℧	ℨ	℩	ℰ	ℱ	ℊ	ℋ	ℌ	ℍ	ℎ	ℏ
U+211x	ℐ	ℑ	ℒ	ℓ	℔	ℕ	№	©	℘	ℙ	ℚ	ℛ	ℜ	ℝ	℞	℟
U+212x	℠	℡	™	℣	ℤ	ℛ	℧	ℨ	℩	ℰ	ℱ	ℊ	ℋ	ℌ	ℍ	ℎ
U+213x	ℓ	ℑ	ℒ	ℓ	℔	ℕ	№	©	℘	ℙ	ℚ	ℛ	ℜ	ℝ	℞	℟
U+214x	℠	℡	™	℣	ℤ	ℛ	℧	ℨ	℩	ℰ	ℱ	ℊ	ℋ	ℌ	ℍ	ℎ
Notes <div>1. [^] As of Unicode version 13.0</div>																

Number Forms

Number Forms ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2150.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+215x	⅀	⅁	⅂	⅃	⅄	ⅅ	ⅆ	ⅇ	ⅈ	ⅉ	⅊	⅋	⅌	⅍	ⅎ	⅏
U+216x	⅐	⅑	⅒	⅓	⅔	⅕	⅖	⅗	⅘	⅙	⅚	⅛	⅜	⅝	⅞	⅟
U+217x	Ⅰ	Ⅱ	Ⅲ	Ⅳ	Ⅴ	Ⅵ	Ⅶ	Ⅷ	Ⅸ	Ⅹ	Ⅺ	Ⅻ	Ⅼ	Ⅽ	Ⅾ	Ⅿ
U+218x	ⅰ	ⅱ	ⅲ	ⅳ	ⅴ	ⅵ	ⅶ	ⅷ	ⅸ	ⅹ	ⅺ	ⅻ	ⅼ	ⅽ	ⅾ	ⅿ
U+219x	Ⅰ	Ⅱ	Ⅲ	Ⅳ	Ⅴ	Ⅵ	Ⅶ	Ⅷ	Ⅸ	Ⅹ	Ⅺ	Ⅻ	Ⅼ	Ⅽ	Ⅾ	Ⅿ
Notes <div>1. [^] As of Unicode version 13.0</div> <div>2. [^] Grey areas indicate non-assigned code points</div>																

Arrows

Arrows ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2190.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+219x	←	↑	→	↓	↔	↕	↖	↗	↘	↙	↠	↡	↢	↣	↤	↥
U+21Ax	➡	⬇	↩	➡	↩	⬆	↩	⬇	↕	↶	↷	↸	↹	↺	↻	↼
U+21Bx	↵	↶	↷	↸	↹	↺	↻	↼	↽	↾	↿	↰	↱	↲	↳	↴
U+21Cx	↵	↶	↷	↸	↹	↺	↻	↼	↽	↾	↿	↰	↱	↲	↳	↴
U+21Dx	⇐	⇑	⇒	⇓	⇔	⇕	⇖	⇗	⇘	⇙	⇚	⇛	⇜	⇝	⇞	⇟
U+21Ex	⇐	⇑	⇒	⇓	⇔	⇕	⇖	⇗	⇘	⇙	⇚	⇛	⇜	⇝	⇞	⇟
U+21Fx	⇐	⇑	⇒	⇓	⇔	⇕	⇖	⇗	⇘	⇙	⇚	⇛	⇜	⇝	⇞	⇟
Notes																
1.^ As of Unicode version 13.0																

- [Miscellaneous Symbols and Arrows \(Unicode block\)](#)
- [Supplemental Arrows-A \(Unicode block\)](#)
- [Supplemental Arrows-B \(Unicode block\)](#)
- [Supplemental Arrows-C \(Unicode block\)](#)

Mathematical symbols

Mathematical Operators ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2200.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+220x	∀	∃	∂	∇	∆	∅	△	▽	∈	∉	∕	∕	∕	∕	■	□
U+221x	∏	∑	−	±	÷	÷	÷	÷	÷	÷	√	√	√	α	∞	ℓ
U+222x	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+223x	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+224x	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+225x	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+226x	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+227x	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+228x	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+229x	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+22Ax	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+22Bx	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+22Cx	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+22Dx	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+22Ex	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
U+22Fx	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠	∠
Notes																
1.^ As of Unicode version 13.0																

- [Supplemental Mathematical Operators \(Unicode block\)](#)
- [Miscellaneous Mathematical Symbols-A \(Unicode block\)](#)
- [Miscellaneous Mathematical Symbols-B \(Unicode block\)](#)
- [Mathematical Alphanumeric Symbols: Mathematical Alphanumeric Symbols \(Unicode block\)](#)

Miscellaneous Technical

Miscellaneous Technical ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2300.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+230x	∅	⚡	⌂	^	⚓	⚓	⚓	⋈	⌈	⌋	⌋	⌋	⌋	⌋	⌋	⌋
U+231x	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+232x	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+233x	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+234x	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+235x	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+236x	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+237x	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+238x	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+239x	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+23Ax	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+23Bx	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+23Cx	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+23Dx	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+23Ex	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
U+23Fx	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈	⌈
<div>Notes</div> <div>1.⌈ As of Unicode version 13.0</div> <div>2.⌈ Unicode code points U+2329 and U+232A are deprecated as of Unicode version 5.2</div>																

Optical Character Recognition

- Optical Character Recognition (Unicode block)

Enclosed Alphanumerics

Enclosed Alphanumerics ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2460.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+246x	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯
U+247x	⑰	⑱	⑲	⑳	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U+248x	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	1.	2.	3.	4.	5.	6.	7.	8.
U+249x	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	(a)	(b)	(c)	(d)
U+24Ax	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
U+24Bx	(u)	(v)	(w)	(x)	(y)	(z)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	Ⓘ	Ⓢ
U+24Cx	Ⓚ	Ⓛ	Ⓜ	Ⓝ	Ⓞ	Ⓟ	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	Ⓧ	Ⓨ	Ⓩ
U+24Dx	ⓐ	ⓑ	ⓒ	ⓓ	ⓔ	ⓕ	ⓖ	ⓗ	ⓙ	ⓚ	ⓛ	ⓜ	ⓞ	ⓟ	ⓠ	ⓡ
U+24Ex	ⓢ	ⓣ	ⓤ	ⓥ	ⓦ	ⓧ	ⓨ	ⓩ	⓪	⓫	⓬	⓭	⓮	⓯	⓰	⓱
U+24Fx	⓴	⓵	⓶	⓷	⓸	⓹	⓺	⓻	⓼	⓽	⓾	⓿	⓿	⓿	⓿	⓿
Notes																
1.^ As of Unicode version 13.0																

Box Drawing

Box Drawing ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2500.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+250x	─	━	┃	┃	─	─	┆	┆	─	─	┆	┆	┆	┆	┆	┆
U+251x	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐
U+252x	└	└	└	└	└	└	└	└	└	└	└	└	└	└	└	└
U+253x	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌
U+254x	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐
U+255x	═	═	═	═	═	═	═	═	═	═	═	═	═	═	═	═
U+256x	┆	┆	┆	┆	┆	┆	┆	┆	┆	┆	┆	┆	┆	┆	┆	┆
U+257x	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐
Notes																
1.^ As of Unicode version 13.0																

Block Elements
































































































































































































































































Code	Glyph	Description
U+2580	■	Upper half block
U+2581	▀	Lower one eighth block
U+2582	▁	Lower one quarter block
U+2583	▂	Lower three eighths block
U+2584	▃	Lower half block
U+2585	▄	Lower five eighths block
U+2586	▅	Lower three quarters block
U+2587	▆	Lower seven eighths block
U+2588	▇	Full block
U+2589	█	Left seven eighths block
U+258A	▉	Left three quarters block
U+258B	▊	Left five eighths block
U+258C	▋	Left half block
U+258D	▌	Left three eighths block
U+258E	▍	Left one quarter block
U+258F	▎	Left one eighth block
U+2590	▏	Right half block
U+2591	░	Light shade
U+2592	▒	Medium shade
U+2593	▓	Dark shade
U+2594	▴	Upper one eighth block
U+2595	▵	Right one eighth block
U+2596	▾	Quadrant lower left
U+2597	▿	Quadrant lower right
U+2598	◼	Quadrant upper left
U+2599	◽	Quadrant upper left and lower left and lower right
U+259A	◾	Quadrant upper left and lower right
U+259B	◿	Quadrant upper left and upper right and lower left
U+259C	◸	Quadrant upper left and upper right and lower right
U+259D	◷	Quadrant upper right
U+259E	◶	Quadrant upper right and lower left
U+259F	◵	Quadrant upper right and lower left and lower right

Geometric Shapes

Code	Glyph	Description
U+25A0	■	Black square
U+25A1	□	White square
U+25A2	◻	White square with rounded corners
U+25A3	▣	White square containing small black square
U+25A4	▤	Square with horizontal fill
U+25A5	▥	Square with vertical fill
U+25A6	▦	Square with orthogonal crosshatch fill
U+25A7	▧	Square with upper left to lower right fill
U+25A8	▨	Square with upper right to lower left fill
U+25A9	▩	Square with diagonal crosshatch fill
U+25AA	▪	Black small square
U+25AB	◼	White small square
U+25AC	▬	Black rectangle
U+25AD	▭	White rectangle
U+25AE	▮	Black vertical rectangle
U+25AF	▯	White vertical rectangle
U+25B0	▰	Black parallelogram
U+25B1	▱	White parallelogram
U+25B2	▲	Black up-pointing triangle
U+25B3	△	White up-pointing triangle
U+25B4	▴	Black up-pointing small triangle
U+25B5	▵	White up-pointing small triangle
U+25B6	▶	Black right-pointing triangle
U+25B7	▷	White right-pointing triangle
U+25B8	▸	Black right-pointing small triangle
U+25B9	▹	White right-pointing small triangle
U+25BA	►	Black right-pointing pointer
U+25BB	▹	White right-pointing pointer
U+25BC	▼	Black down-pointing triangle
U+25BD	▽	White down-pointing triangle
U+25BE	▾	Black down-pointing small triangle
U+25BF	▿	White down-pointing small triangle
U+25C0	◀	Black left-pointing triangle
U+25C1	◁	White left-pointing triangle
U+25C2	◄	Black left-pointing small triangle
U+25C3	◅	White left-pointing small triangle
U+25C4	◄	Black left-pointing pointer
U+25C5	◅	White left-pointing pointer
U+25C6	◆	Black diamond
U+25C7	◇	White diamond
U+25C8	◈	White diamond containing small black diamond
U+25C9	◎	Fisheye
U+25CA	◊	Lozenge
U+25CB	○	White circle
U+25CC	◌	Dotted circle
U+25CD	●	Circle with vertical fill
U+25CE	◎	Bullseye
U+25CF	●	Black circle
U+25D0	◐	Circle with left half black
U+25D1	◑	Circle with right half black
U+25D2	◒	Circle with lower half black

Code	Glyph	Description
U+25D3	◐	Circle with upper half black
U+25D4	◑	Circle with upper right quadrant black
U+25D5	◒	Circle with all but upper left quadrant black
U+25D6	◓	Left half circle black
U+25D7	◔	Right half black circle
U+25D8	◕	Inverse bullet
U+25D9	◖	Inverse white circle
U+25DA	◗	Upper half inverse white circle
U+25DB	◘	Lower half inverse white circle
U+25DC	◙	Upper left quadrant circular arc
U+25DD	◚	Upper right quadrant circular arc
U+25DE	◛	Lower right quadrant circular arc
U+25DF	◜	Lower left quadrant circular arc
U+25E0	◝	Upper half circle
U+25E1	◞	Lower half circle
U+25E2	◟	Black lower right triangle
U+25E3	◠	Black lower left triangle
U+25E4	◡	Black upper left triangle
U+25E5	◢	Black upper right triangle
U+25E6	◣	White bullet
U+25E7	◤	Square with left half black
U+25E8	◥	Square with right half black
U+25E9	◦	Square with upper left diagonal half black
U+25EA	◧	Square with lower right diagonal half black
U+25EB	◨	White square with vertical bisecting line
U+25EC	◩	White up-pointing triangle with dot
U+25ED	◪	Up-pointing triangle with left half black
U+25EE	◥	Up-pointing triangle with right half black
U+25EF	◯	Large circle
U+25F0	◼	White square with upper left quadrant
U+25F1	◽	White square with lower left quadrant
U+25F2	◾	White square with lower right quadrant
U+25F3	◿	White square with upper right quadrant
U+25F4	◐	White circle with upper left quadrant
U+25F5	◑	White circle with lower left quadrant
U+25F6	◒	White circle with lower right quadrant
U+25F7	◓	White circle with upper right quadrant
U+25F8	◔	Upper left triangle
U+25F9	◕	Upper right triangle
U+25FA	◖	Lower-left triangle
U+25FB	◗	White medium square
U+25FC	◘	Black medium square
U+25FD	◙	White medium small square
U+25FE	◚	Black medium small square
U+25FF	◛	Lower right triangle

Miscellaneous Symbols

Miscellaneous Symbols ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2600.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+260x																
U+261x																
U+262x																
U+263x																
U+264x																
U+265x																
U+266x																
U+267x																
U+268x																
U+269x																
U+26Ax																
U+26Bx																
U+26Cx																
U+26Dx																
U+26Ex																
U+26Fx																
Notes																
1.^ As of Unicode version 13.0																

Symbols for Legacy Computing

Symbols for Legacy Computing ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U1FB00.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+1FB0x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FB1x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FB2x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FB3x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FB4x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FB5x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FB6x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FB7x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FB8x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FB9x	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FBAx	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FBBx	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FBCx	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FBDx	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FBEx	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
U+1FBFx	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
Notes																
1. [^] As of Unicode version 13.0																
2. [^] Grey areas indicate non-assigned code points																

Dingbats

- [Dingbat](#)

East Asian writing systems

- [Bopomofo \(Unicode block\)](#)
- [Bopomofo Extended \(Unicode block\)](#)
- [CJK Unified Ideographs](#)
- [CJK Radicals Supplement \(Unicode block\)](#)
- [CJK Strokes \(Unicode block\)](#)
- [CJK Symbols and Punctuation \(Unicode block\)](#)
- [Counting Rod Numerals \(Unicode block\)](#)
- [Enclosed Alphanumeric Supplement \(Unicode block\)](#)
- [Enclosed CJK Letters and Months \(Unicode block\)](#)
- [Enclosed Ideographic Supplement \(Unicode block\)](#)
- [Halfwidth and Fullwidth Forms \(Unicode block\)](#)
- [Hangul in Unicode](#)
- [Hiragana \(Unicode block\)](#)
- [Ideographic Description Characters \(Unicode block\)](#)
- [Ideographic Symbols and Punctuation \(Unicode block\)](#)
- [Kanbun \(Unicode block\)](#)
- [Kangxi Radicals \(Unicode block\)](#)
- [Katakana \(Unicode block\)](#)
- [Kana Extended-A \(Unicode block\)](#)
- [Kana Supplement \(Unicode block\)](#)
- [Katakana Phonetic Extensions \(Unicode block\)](#)
- [Khitani Small Script \(Unicode block\)](#)
- [Lisu \(Unicode block\)](#)
- [Lisu Supplement \(Unicode block\)](#)
- [Miao \(Unicode block\)](#)

- [Modifier Tone Letters \(Unicode block\)](#)
- [Nushu \(Unicode block\)](#)
- [Nyiakeng Puachue Hmong \(Unicode block\)](#)
- [Small Form Variants \(Unicode block\)](#)
- [Small Kana Extension \(Unicode block\)](#)
- [Tai Xuan Jing Symbols \(Unicode block\)](#)
- [Tangut \(Unicode block\)](#)
- [Tangut Components \(Unicode block\)](#)
- [Tangut Supplement \(Unicode block\)](#)
- [Vertical Forms \(Unicode block\)](#)
- [Wancho \(Unicode block\)](#)
- [Yi Syllables \(Unicode block\)](#)
- [Yi Radicals \(Unicode block\)](#)
- [Yijing Hexagram Symbols \(Unicode block\)](#)

Southeast Asian writing systems

- [Hanifi Rohingya \(Unicode block\)](#)
- [Kayah Li \(Unicode block\)](#)
- [Pahawh Hmong \(Unicode block\)](#)
- [Pau Cin Hau \(Unicode block\)](#)
- [Meetei Mayek \(Unicode block\)](#)

Alphabetic Presentation Forms

Alphabetic Presentation Forms ^{[1][2]} <div>Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/UFB00.pdf) (PDF)</div>																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+FB0x	ff	fi	fl	ffi	ffl	ft	st									
U+FB1x				𐤀	𐤁	𐤂	𐤃	𐤄						𐤅	𐤆	𐤇
U+FB2x	𐤈	𐤉	𐤊	𐤋	𐤌	𐤍	𐤎	𐤏	𐤐	𐤑	𐤒	𐤓	𐤔	𐤕	𐤖	𐤗
U+FB3x	𐤘	𐤙	𐤚	𐤛	𐤜	𐤝	𐤞		𐤟	𐤠	𐤡	𐤢	𐤣		𐤤	
U+FB4x	𐤥	𐤦		𐤧	𐤨		𐤩	𐤪	𐤫	𐤬	𐤭	𐤮	𐤯	𐤰	𐤱	𐤲
<div>Notes</div> <div><div>1. [^] As of Unicode version 13.0</div><div>2. [^] Grey areas indicate non-assigned code points</div></div>																

Ancient and historic scripts

- [Aegean Numbers \(Unicode block\)](#)
 - [Anatolian Hieroglyphs \(Unicode block\)](#)
 - [Ancient Greek Numbers \(Unicode block\)](#)
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 - [Carian \(Unicode block\)](#)
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 - [Chorasmian \(Unicode block\)](#)
 - [Cuneiform \(Unicode block\)](#)
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 - [Cypriot Syllabary \(Unicode block\)](#)
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- [Old Permic \(Unicode block\)](#)
- [Old Persian \(Unicode block\)](#)
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- [Palmyrene \(Unicode block\)](#)
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- [Psalter Pahlavi \(Unicode block\)](#)
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- [Braille Patterns \(Unicode block\)](#)

Music

- [Western Musical Symbols \(Unicode block\)](#)
- [Byzantine Musical Symbols \(Unicode block\)](#)
- [Ancient Greek Musical Notation \(Unicode block\)](#)

Shorthand

- [Duployan \(Unicode block\)](#)
- [Shorthand Format Controls \(Unicode block\)](#)

Sutton SignWriting

- Sutton SignWriting: [Sutton SignWriting \(Unicode block\)](#)

Emoji

- [Emoji in Unicode](#)

Alchemical symbols

- [Alchemical Symbols \(Unicode block\)](#)

Game symbols

- [Chess Symbols \(Unicode block\)](#)
- [Domino Tiles \(Unicode block\)](#)
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Special areas and format characters

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See also

- [Comparison of Unicode encodings](#)
- [Free software Unicode typefaces](#)
- [GNU Unifont](#)
- [List of Unicode radicals](#)
- [List of Unicode fonts](#)
- [List of typefaces](#)
- [Typographic unit](#)
- [Unicode Consortium](#)
- [Unicode fallback font](#)
- [Unicode typeface](#)
- [Universal Character Set characters](#)

References

1. Deprecated as of Unicode version 5.2.0 [1] (https://www.unicode.org/reports/tr44/tr44-4.html#Change_History) "U+0149 Latin small letter n preceded by apostrophe was encoded for use in Afrikaans. The character is deprecated, and its use is strongly discouraged. In nearly all cases it is better represented by a sequence of an apostrophe followed by "n"." [2] (<https://www.unicode.org/versions/Unicode6.0.0/UnicodeStandard-6.0.pdf>) pg. 208
- [Unicode 7.0 Character Code Charts](https://www.unicode.org/charts/) (<https://www.unicode.org/charts/>), Unicode, Inc.
- [CWA 13873:2000 – Multilingual European Subsets in ISO/IEC 10646-1](http://www.evertype.com/standards/iso10646/pdf/cwa13873.pdf) (<http://www.evertype.com/standards/iso10646/pdf/cwa13873.pdf>) CEN Workshop Agreement 13873
- [Multilingual European Character Set 2 \(MES-2\) Rationale](http://www.cl.cam.ac.uk/~mgk25/ucs/mes-2-rationale.html) (<http://www.cl.cam.ac.uk/~mgk25/ucs/mes-2-rationale.html>), Markus Kuhn, 1998

External links

- [Official web site of the Unicode Consortium](https://www.unicode.org/) (<https://www.unicode.org/>) (English)
- [decodeunicode.org](http://www.decodeunicode.org/) (<http://www.decodeunicode.org/>) Unicode-Wiki with images of all 98,884 graphical unicode characters (German/English, full text search)
- [Letters with diacritical marks, grouped alphabetically](http://pinyin.info/unicode/diacritics.html) (<http://pinyin.info/unicode/diacritics.html>), Pinyin.info
- [UTF-8 encoding table and Unicode characters](http://www.utf8-chartable.de/unicode-utf8-table.pl?utf8=oct&unicodeinhtml=dec&htmlent=1) (<http://www.utf8-chartable.de/unicode-utf8-table.pl?utf8=oct&unicodeinhtml=dec&htmlent=1>)
- [Remove Special | Specific Characters](http://www.text-filter.com/Remove-Special-Characters-Specific-Numbers-Letters-Certain-Non-Alphanumeric-Characters-From-Text-Excel-Online.htm) (<http://www.text-filter.com/Remove-Special-Characters-Specific-Numbers-Letters-Certain-Non-Alphanumeric-Characters-From-Text-Excel-Online.htm>) From The Text String.
- [Unicode® character table](https://unicode-table.com/en/) (<https://unicode-table.com/en/>)

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