Latin Extended-A

Range: 0100-017F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 13.0*

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts.

See http://www.unicode.org/charts/PDF/Unicode-13.0/ for charts showing only the characters added in Unicode 13.0.

See http://www.unicode.org/Public/13.0.0/charts/ for a complete archived file of character code charts for Unicode 13.0.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 13.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 13.0, online at http://www.unicode.org/versions/Unicode13.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Copying characters from the character code tables or list of character names is not recommended, because for production reasons the PDF files for the code charts cannot guarantee that the correct character codes will always be copied.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.

See http://www.unicode.org/charts/fonts.html for a list.

Terms of Use

You may freely use these code charts for personal or internal business uses only. You may not incorporate them either wholly or in part into any product or publication, or otherwise distribute them without express written permission from the Unicode Consortium. However, you may provide links to these charts.

The fonts and font data used in production of these code charts may NOT be extracted, or used in any other way in any product or publication, without permission or license granted by the typeface owner(s).

The Unicode Consortium is not liable for errors or omissions in this file or the standard itself. Information on characters added to the Unicode Standard since the publication of the most recent version of the Unicode Standard, as well as on characters currently being considered for addition to the Unicode Standard can be found on the Unicode web site.

See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

	010	011	012	013	014	015	016	017
0	$ar{\mathbf{A}}_{_{0100}}$	Ð 0110	Ġ	İ	1 • 0140	Ő 0150	Š 0160	Ű 0170
1	ā	đ	ġ	1	L	Ő 0151	Š	ű 0171
2	Ă	$ar{f E}_{_{0112}}$	Ģ	IJ	1	Œ 0152	T 0162	Ų 0172
3	ă	ē 0113	g 0123	ij	Ń 0143	œ 0153	t 0163	ų
4	A 0104	Ĕ 0114	Ĥ 0124	Ĵ	ń	Ŕ 0154	Ť	$\hat{\mathbf{W}}_{0174}$
5	a	ĕ 0115	h	ĵ	N 0145	ŕ	t '	ŵ
6	Ć	Ė	H	K 0136	ņ 0146	Ŗ 0156	T	$\hat{\mathbf{Y}}_{0176}$
7	ć	ė 0117	ħ 0127	ķ	Ň 0147	1 , 0157	t	ŷ
8	Ĉ	Ę 0118	Ĩ 0128	K	ň 0148	Ř 0158	Ũ 0168	Ÿ
9	ĉ	ę 0119	1	Ĺ	'n	ř	ũ	Ź 0179
Α	Ċ 010A	Ě	T 012A	1 013A	N 014A	Ś	Ū 016A	Ź 017A
В	ċ	ě 011B	1 012B	013B		Ś	ū	Ż 017B
С	010B Č 010C	Ĝ	I 012C	1 013C	ŋ 014B Ō 014C	\$ 015C	016B Ŭ 016C	
D	č		ĭ	Ľ	ō	ŝ	ŭ	Ž 017C Ž
E	010D Ď	ĝ 011D Ğ	012D I 012E	013D 1°	014D Ŏ	015D Ş 015E	016D Ů	017D Ž 017E
F	010E d' 010F	011E g 011F	012E 1 012F	013E L: 013F	014E Ŏ 014F	015E S 015F	016E ů 016F	1 017E

Euron	ean	Latin	0114	Ĕ	LATIN CAPITAL LETTER E WITH BREVE
0100		LATIN CAPITAL LETTER A WITH MACRON			≡ 0045 E 0306 ŏ
		≡ 0041 A 0304 Ō	0115	ĕ	LATIN SMALL LETTER E WITH BREVE
0101	ā	LATIN SMALL LETTER A WITH MACRON			• Malay, Latin, ≡ 0065 e 0306 ŏ
		• Latvian, Latin, ≡ 0061 a 0304 Ō	0116	Ė	LATIN CAPITAL LETTER E WITH DOT ABOVE
0102	Ă	LATIN CAPITAL LETTER A WITH BREVE			≡ 0045 E 0307 ċ
		≡ 0041 A 0306 ŏ	0117	ė	LATIN SMALL LETTER E WITH DOT ABOVE
0103	ă	LATIN SMALL LETTER A WITH BREVE			• Lithuanian ≡ 0065 e 0307 ≎
		• Romanian, Vietnamese, Latin, ≡ 0061 a 0306 ŏ	0118	Ę	LATIN CAPITAL LETTER E WITH OGONEK
0104	Ą	LATIN CAPITAL LETTER A WITH OGONEK		7	≡ 0045 E 0328 Ç
	ι	≡ 0041 A 0328 ृ	0119	ę	LATIN SMALL LETTER E WITH OGONEK
0105	ą	LATIN SMALL LETTER A WITH OGONEK			• Polish, Lithuanian, ≡ 0065 e 0328 ♀
		• Polish, Lithuanian, ≡ 0061 a 0328 o	011A	Ě	LATIN CAPITAL LETTER E WITH CARON
0106	Ć	LATIN CAPITAL LETTER C WITH ACUTE			≡ 0045 E 030C ŏ
		≡ 0043 C 0301 6	011B	ě	LATIN SMALL LETTER E WITH CARON
0107	ć	LATIN SMALL LETTER C WITH ACUTE			• Czech, ≡ 0065 e 030C ŏ
		 Polish, Croatian, Serbian, → 045B ħ cyrillic small letter tshe 	011C	Ĝ	LATIN CAPITAL LETTER G WITH CIRCUMFLEX
		= 0063 c 0301 6			≡ 0047 G 0302 ô
0108	Ĉ	LATIN CAPITAL LETTER C WITH CIRCUMFLEX	011D	ĝ	LATIN SMALL LETTER G WITH CIRCUMFLEX
0109	ĉ	■ 0043 C 0302 Ô			• Esperanto ≡ 0067 g 0302 ô
0109	C	• Esperanto	011E	Ğ	LATIN CAPITAL LETTER G WITH BREVE
		≡ 0063 c 0302 ô	244=	u	≡ 0047 G 0306 ŏ
010A	Ċ	LATIN CAPITAL LETTER C WITH DOT ABOVE	011F	ğ	LATIN SMALL LETTER G WITH BREVE • Turkish, Azerbaijani
010B	ċ	≡ 0043 C 0307 LATIN SMALL LETTER C WITH DOT ABOVE			\rightarrow 01E7 $\check{\mathbf{g}}$ latin small letter g with caron
		Maltese, Irish Gaelic (old orthography)	0.400	÷	≡ 0067 g 0306 ŏ
0400	č	= 0063 c 0307 ċ	0120	Ġ	LATIN CAPITAL LETTER G WITH DOT ABOVE $\equiv 0047~G~0307~\dot{\circ}$
010C	Č	LATIN CAPITAL LETTER C WITH CARON ≡ 0043 C 030C ŏ	0121	ġ	LATIN SMALL LETTER G WITH DOT ABOVE
010D	č	LATIN SMALL LETTER C WITH CARON		Ü	 Maltese, Irish Gaelic (old orthography)
		• Czech, Slovak, Slovenian, and many other	0122	Ģ	≡ 0067 g 0307 ் LATIN CAPITAL LETTER G WITH CEDILLA
		languages ≡ 0063 c 030C ŏ	0122	Ų	\equiv 0047 G 0327 \circ
010E	Ď	LATIN CAPITAL LETTER D WITH CARON	0123	ģ	LATIN SMALL LETTER G WITH CEDILLA
		• the form using caron/hacek is preferred in all			• Latvian
		contexts ≡ 0044 D 030C ŏ			• there are three major glyph variants ≡ 0067 g 0327 ♀
010F	ď	LATIN SMALL LETTER D WITH CARON	0124	Ĥ	LATIN CAPITAL LETTER H WITH CIRCUMFLEX
		• Czech, Slovak			• lowercase in Nawdm is 0266 f
		 the form using apostrophe is preferred in typesetting 	0125	ĥ	≡ 0048 H 0302 Ô LATIN SMALL LETTER H WITH CIRCUMFLEX
		= 0064 d 030C ŏ	0123	11	• Esperanto
0110	Đ	LATIN CAPITAL LETTER D WITH STROKE			≡ 0068 h 0302 ô
		\rightarrow 0000 $\mathbf D$ latin capital letter eth \rightarrow 0111 $\mathbf d$ latin small letter $\mathbf d$ with stroke	0126	Ħ	LATIN CAPITAL LETTER H WITH STROKE
		→ 0189 Đ latin capital letter african d	0127	ħ	LATIN SMALL LETTER H WITH STROKE • Maltese, IPA,
0111	đ	LATIN SMALL LETTER D WITH STROKE			\rightarrow 045B \hbar cyrillic small letter tshe
		Croatian, Serbian, Vietnamese, Sami an alternate glyph with the stroke through the	0.400	Ŧ	\rightarrow 210F \hbar planck constant over two pi
		 an alternate glyph with the stroke through the bowl is used in Americanist orthographies 	0128	I	LATIN CAPITAL LETTER I WITH TILDE ≡ 0049 I 0303 °
		\rightarrow 0110 $\stackrel{\cdot}{\mathbf{D}}$ latin capital letter d with stroke	0129	ĩ	LATIN SMALL LETTER I WITH TILDE
0112	Ē	→ 0452 ħ cyrillic small letter dje LATIN CAPITAL LETTER E WITH MACRON			 Greenlandic (old orthography), Kikuyu
V112	L	= 0045 E 0304 ō	012A	Ī	≡ 0069 i 0303 Õ LATIN CAPITAL LETTER I WITH MACRON
0113	ē	LATIN SMALL LETTER E WITH MACRON	UIZA	1	= 0049 I 0304 ō
		• Latvian, Latin, ≡ 0065 e 0304 Ō	012B	1	LATIN SMALL LETTER I WITH MACRON
		_ 0003 C 030+ <			• Latvian, Latin, ≡ 0069 i 0304 ō
					= 00091 0304 0

012C	Ĭ	LATIN CAPITAL LETTER I WITH BREVE ≡ 0049 I 0306 ŏ	0140	ŀ	LATIN SMALL LETTER L WITH MIDDLE DOT $\approx 006C1\ 00B7\ \cdot$
012D	ĭ	LATIN SMALL LETTER I WITH BREVE • Latin,			Catalan legacy compatibility character for ISO/IEC 6937
		≡ 0069 i 0306 ŏ			• preferred representation for Catalan: 006C l
012E	Į	LATIN CAPITAL LETTER I WITH OGONEK			00B7 ·
	٠	≡ 0049 I 0328 Ç	0141	Ł	LATIN CAPITAL LETTER L WITH STROKE
012F	į	LATIN SMALL LETTER I WITH OGONEK		_	ightarrow 023D $ m f E$ latin capital letter I with bar
		• Lithuanian,	0142	ł	LATIN SMALL LETTER L WITH STROKE
		≡ 0069 i 0328 ृ			• Polish,
0130	Ì	LATIN CAPITAL LETTER I WITH DOT ABOVE	0440	Nτ	→ 019A ੀ latin small letter I with bar
		= i dot	0143	Ň	LATIN CAPITAL LETTER N WITH ACUTE
		• Turkish, Azerbaijani	0144	ń	≡ 004E N 0301 6 LATIN SMALL LETTER N WITH ACUTE
		• lowercase is 0069 i → 0049 I latin capital letter i	0144	11	• Polish,
		= 0049 I 0307 ċ			≡ 006E n 0301 6
0131	1	LATIN SMALL LETTER DOTLESS I	0145	N	LATIN CAPITAL LETTER N WITH CEDILLA
0101	•	• Turkish, Azerbaijani		,	≡ 004E N 0327 Ç
		• uppercase is 0049 I	0146	ņ	LATIN SMALL LETTER N WITH CEDILLA
		→ 0069 i latin small letter i			• Latvian
0132	IJ	LATIN CAPITAL LIGATURE IJ		~	≡ 006E n 0327 ç
		$pprox$ 0049 \mathbf{I} 004A \mathbf{J}	0147	Ň	
0133	ij	LATIN SMALL LIGATURE IJ	0440	v	≡ 004E N 030C ŏ
		• Dutch	0148	ň	LATIN SMALL LETTER N WITH CARON
0124	Ĵ	≈ 0069 i 006A j			• Czech, Slovak ≡ 006E n 030C ŏ
0134	J	LATIN CAPITAL LETTER J WITH CIRCUMFLEX ≡ 004A J 0302 ô			
0135	î	LATIN SMALL LETTER J WITH CIRCUMFLEX	-		ed letter
0100	J	• Esperanto	0149	'n	LATIN SMALL LETTER N PRECEDED BY
		= 006A j 0302 ô			APOSTROPHE = latin small letter apostrophe n (1.0)
0136	Ķ	LATIN CAPITAL LETTER K WITH CEDILLA			• this character is deprecated and its use is
	,	≡ 004B K 0327 ့			strongly discouraged
0137	ķ	LATIN SMALL LETTER K WITH CEDILLA			• Afrikaans
		• Latvian			\approx 02BC' 006E n
		≡ 006B k 0327 ç			• legacy compatibility character for ISO/IEC 6937
0138	К	LATIN SMALL LETTER KRA			$ullet$ uppercase is 02BC' 004E ${f N}$
		 Greenlandic (old orthography), Labrador Inuttut 	Europ	oean	Latin
0139	Ĺ	LATIN CAPITAL LETTER L WITH ACUTE	014A	Ŋ	LATIN CAPITAL LETTER ENG
0100	_	= 004C L 0301 6			• glyph may also have appearance of large form
013A	ĺ	LATIN SMALL LETTER L WITH ACUTE	0445		of the small letter
		• Slovak	014B	ŋ	LATIN SMALL LETTER ENG
		≡ 006C l 0301 ′			engma, angmaSami, Mende, IPA,
013B	Ļ	LATIN CAPITAL LETTER L WITH CEDILLA	014C	Ō	LATIN CAPITAL LETTER O WITH MACRON
		≡ 004C L 0327 Ç		Ü	≡ 004F O 0304 ō
013C	ļ	LATIN SMALL LETTER L WITH CEDILLA	014D	ō	LATIN SMALL LETTER O WITH MACRON
		• Latvian			• Latvian, Latin,
013D	Ľ	≡ 006C1 0327 ♀ LATIN CAPITAL LETTER L WITH CARON		J	≡ 006F o 0304 ō
0100	L	• the form using apostrophe is preferred in	014E	O	LATIN CAPITAL LETTER O WITH BREVE
		typesetting	0445	J	= 004F O 0306 ŏ
		≡ 004C L 030C ŏ	014F	Ŏ	LATIN SMALL LETTER O WITH BREVE
013E	ľ	LATIN SMALL LETTER L WITH CARON			• Latin ≡ 006F o 0306 ŏ
		• Slovak	0150	Ő	LATIN CAPITAL LETTER O WITH DOUBLE ACUTE
		• the form using apostrophe is preferred in	0100	O	= 004F O 030B ő
		typesetting ≡ 006C 1 030C ŏ	0151	ő	LATIN SMALL LETTER O WITH DOUBLE ACUTE
013F	Į.	LATIN CAPITAL LETTER L WITH MIDDLE DOT			• Hungarian
2.01	_	• some fonts show the middle dot inside the L,			≡ 006F o 030B ő
		but the preferred form has the dot following	0152	Œ	LATIN CAPITAL LIGATURE OE
		the L			
		$pprox$ 004C L 00B7 \cdot			

0153	œ	LATIN SMALL LIGATURE OE = ethel (from Old English eðel)	0167	ŧ	LATIN SMALL LETTER T WITH STROKE • Sami
		• French, IPA, Old Icelandic, Old English, → 00E6 æ latin small letter ae	0168	Ũ	LATIN CAPITAL LETTER U WITH TILDE ≡ 0055 U 0303 °
0154	Ŕ	$ ightarrow$ 0276 $ m \ Ge \ $ latin letter small capital oe LATIN CAPITAL LETTER R WITH ACUTE $ m \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	0169	ũ	• Greenlandic (old orthography), Kikuyu
0155	ŕ	LATIN SMALL LETTER R WITH ACUTE • Slovak,	016A	Ū	\equiv 0075 u 0303 $\tilde{\circ}$ LATIN CAPITAL LETTER U WITH MACRON \equiv 0055 U 0304 $\bar{\circ}$
0156	Ŗ	\equiv 0072 r 0301 \circ LATIN CAPITAL LETTER r WITH CEDILLA	016B	ū	LATIN SMALL LETTER U WITH MACRON • Latvian, Lithuanian, Latin,
0157	ŗ	≡ 0052 R 0327 Ç LATIN SMALL LETTER R WITH CEDILLA • Livonian	016C	Ŭ	\equiv 0075 u 0304 $\bar{\circ}$ LATIN CAPITAL LETTER U WITH BREVE \equiv 0055 U 0306 $\bar{\circ}$
0158	Ř	\equiv 0072 r 0327 ς LATIN CAPITAL LETTER R WITH CARON	016D	ŭ	LATIN SMALL LETTER U WITH BREVE • Latin, Esperanto,
0159	ř	≡ 0052 R 030C [⋄] LATIN SMALL LETTER R WITH CARON • Czech,	016E	Ů	≡ 0075 u 0306 ŏ LATIN CAPITAL LETTER U WITH RING ABOVE ≡ 0055 U 030A δ
015A	Ś	\equiv 0072 \bf{r} 030C $\rm ^{\circ}$ LATIN CAPITAL LETTER S WITH ACUTE	016F	ů	LATIN SMALL LETTER U WITH RING ABOVE • Czech,
015B	ś	■ 0053 S 0301 6 LATIN SMALL LETTER S WITH ACUTE • Polish, Indic transliteration,	0170	Ű	= 0075 u 030A ° LATIN CAPITAL LETTER U WITH DOUBLE ACUTE = 0055 U 030B °
015C	ŝ	\equiv 0073 ${\bf s}$ 0301 ${\bf \acute{o}}$ LATIN CAPITAL LETTER S WITH CIRCUMFLEX	0171	ű	LATIN SMALL LETTER U WITH DOUBLE ACUTE • Hungarian
015D	ŝ	≡ 0053 S 0302 Ô LATIN SMALL LETTER S WITH CIRCUMFLEX • Esperanto	0172	Ų	\equiv 0075 u 0308 $\%$ LATIN CAPITAL LETTER U WITH OGONEK \equiv 0055 U 0328 \circ
015E	Ş	\equiv 0073 s 0302 $^{\circ}$ LATIN CAPITAL LETTER S WITH CEDILLA	0173	ų	LATIN SMALL LETTER U WITH OGONEK • Lithuanian
015F	ş	≡ 0053 S 0327 ♀ LATIN SMALL LETTER S WITH CEDILLA • Turkish, Azerbaijani,	0174	Ŵ	≡ 0075 u 0328 o LATIN CAPITAL LETTER W WITH CIRCUMFLEX ≡ 0057 W 0302 ô
		\bullet the character 0219 $\ensuremath{\$}$ should be used instead for Romanian	0175	ŵ	LATIN SMALL LETTER W WITH CIRCUMFLEX • Welsh
0160	Š	→ 0219 ş latin small letter s with comma below ≡ 0073 s 0327 ç LATIN CAPITAL LETTER S WITH CARON	0176	Ŷ	≡ 0077 w 0302 ° LATIN CAPITAL LETTER Y WITH CIRCUMFLEX ≡ 0059 Y 0302 °
0161	š	≡ 0053 S 030C ŏ LATIN SMALL LETTER S WITH CARON	0177	ŷ	LATIN SMALL LETTER Y WITH CIRCUMFLEX • Welsh
		 Czech, Estonian, Finnish, Slovak, and many other languages ■ 0073 s 030C ŏ 	0178	Ÿ	■ 0079 y 0302 Ô LATIN CAPITAL LETTER Y WITH DIAERESIS
0162	Ţ	LATIN CAPITAL LETTER T WITH CEDILLA \equiv 0054 T 0327 ς			• French, Igbo • Iowercase is 00FF ÿ ≡ 0059 Y 0308 ♡
0163	ţ	 LATIN SMALL LETTER T WITH CEDILLA Semitic transliteration, the character 021B t should be used instead for 	0179		LATIN CAPITAL LETTER Z WITH ACUTE ≡ 005A Z 0301 6
		Romanian \rightarrow 021B \mathbf{t} latin small letter \mathbf{t} with comma below	017A	Ź	• Polish, ≡ 007A z 0301 ♦
0164	Ť	■ 0074 t 0327 Ş LATIN CAPITAL LETTER T WITH CARON • the form using caron/hacek is preferred in all	017B		LATIN CAPITAL LETTER Z WITH DOT ABOVE \equiv 005A \mathbf{Z} 0307 $\dot{\circ}$
0405		contexts ≡ 0054 T 030C ŏ	017C	Ż	LATIN SMALL LETTER Z WITH DOT ABOVE • Polish, ≡ 007A z 0307 ◊
0165	ť	 LATIN SMALL LETTER T WITH CARON Czech, Slovak the form using apostrophe is preferred in 	017D	Ž	LATIN CAPITAL LETTER Z WITH CARON ≡ 005A Z 030C ŏ
		typesetting ≡ 0074 t 030C ŏ	017E	ž	LATIN SMALL LETTER Z WITH CARON • Czech, Estonian, Finnish, Slovak, Slovenian, and
0166	Ŧ	LATIN CAPITAL LETTER T WITH STROKE			many other languages ≡ 007A z 030C ŏ

017F f LATIN SMALL LETTER LONG S

- in common use in Roman types until the 18th century
- in current use in Fraktur and Gaelic types \approx 0073 s latin small letter s