Latin Extended-E

Range: AB30-AB6F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 17.0*

This file may be changed at any time without notice to reflect errata, or other updates to the Unicode Standard.

See https://www.unicode.org/errata/ for an up-to-date list of errata.

See https://www.unicode.org/charts/ for access to a complete list of the latest character code charts. See https://www.unicode.org/charts/PDF/Unicode-17.0/ for charts showing only the characters added in Unicode 17.0. See https://www.unicode.org/Public/17.0.0/charts/ for a complete archived file of character code charts for Unicode 17.0. See https://www.unicode.org/charts/About.html#Conventions for conventions used in these code charts, and other general information.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 17.0 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 17.0, online at https://www.unicode.org/versions/Unicode17.0.0/, as well as the Unicode Standard Annexes, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

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

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

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts.

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

Terms of Use

© 1991–2025 Unicode, Inc. This publication is protected by copyright, and permission must be obtained from Unicode, Inc. prior to any reproduction, modification, or other use not permitted by the Terms of Use (https://www.unicode.org/copyright.html). Specifically, you may make copies of this publication and may annotate and translate it solely for personal or internal business purposes and not for public distribution, provided that any such permitted copies and modifications fully reproduce all copyright and other legal notices contained in the original. You may not make copies of or modifications to this publication for public distribution, or incorporate it in whole or in part into any product or publication without the express written permission of Unicode.

The Unicode Consortium specifically grants ISO a license to produce such code charts with their associated character names list to show the repertoire of characters for that standard, as a normatively referenced, integral part of that standard.

Unicode uses most fonts under restricted license from the original font owner. You may not extract, copy, modify, or distribute fonts or font data from any Unicode Products, including this publication, without license from the font owner.

Use of all Unicode Products, including this publication, is governed by the Unicode Terms of Use (https://www.unicode.org/copyright.html). The authors, contributors, and publishers have taken care in the preparation of this publication, but make no express or implied representation or warranty of any kind and assume no responsibility or liability for errors or omissions or for consequential or incidental damages that may arise therefrom. This publication is provided "AS-IS" without charge as a convenience to users.

Unicode and the Unicode Logo are registered trademarks of Unicode, Inc., in the United States and other countries.

	AB3	AB4	AB5	AB6
0	a	O AB40	EI AB50	ТЬ
1	Æ AB31	9 Ø	m	IC AB61
2	P AB32	30 AB42	u	æ AB62
3	e AB33	CO AB43	X AB53	W
4	се _{АВ34}	(Ø	X AB54	G
5	f	A B45	X AB55	Ω AB65
6	Q AB36	R AB46	X ₆	dz, AB66
7	1 AB37	1 AB47	X AB57	t S AB67
8	‡	1 °	X o AB58	₹
9	1 AB39	 AB49	X AB59	M AB69
Α	m AB3A	J ~	y AB5A	⊣ AB6A
В	p	Z	AB5B	⊢ AB6B
С	ŋ AB3C	3	h AB5C	
D	0	ſ	ł	
E	AB3D	L AB4E	AB5D	
F	AB3E Ø	Habate Habitan	AB5E U	
	AB3F	AB4F	AB5F	

Lette	rs fo	r German dialectology	AB53	X	LATIN SMALL LETTER CHI
AB30		LATIN SMALL LETTER BARRED ALPHA		Λ	• uppercase is A7B3 X
	-	• This letter is a Latin alpha with a horizontal			$ ightarrow$ 03C7 χ greek small letter chi
		strikethrough bar. In some font designs, the bar	AB54	χ.	LATIN SMALL LETTER CHI WITH LOW RIGHT
		might not extend beyond the edge of the letter, and in such cases, the letter should not be	AB55	v	RING LATIN SMALL LETTER CHI WITH LOW LEFT
		confused with a ligature of epsilon and iota.	ADJJ	X	SERIF
AB31	æ	LATIN SMALL LETTER A REVERSED-SCHWA	AB56	Х.	LATIN SMALL LETTER X WITH LOW RIGHT RING
AB32	e	LATIN SMALL LETTER BLACKLETTER E	AB57	Х	LATIN SMALL LETTER X WITH LONG LEFT LEG
		ightarrow 1D522 e mathematical fraktur small e	AB58	χ.	LATIN SMALL LETTER X WITH LONG LEFT LEG
AB33	e	LATIN SMALL LETTER BARRED E			AND LOW RIGHT RING
AB34	æ	LATIN SMALL LETTER E WITH FLOURISH	AB59	Х	LATIN SMALL LETTER X WITH LONG LEFT LEG WITH SERIF
AB35	f	LATIN SMALL LETTER LENIS F → 0066 f latin small letter f	AB5A	У	LATIN SMALL LETTER Y WITH SHORT RIGHT
AB36	g	LATIN SMALL LETTER SCRIPT G WITH	712071	,	LEG
71200	a	CROSSED-TAIL	Modif	fier I	etters for German dialectology
AB37	ł	LATIN SMALL LETTER L WITH INVERTED LAZY S	AB5B	× ×	MODIFIER BREVE WITH INVERTED BREVE
AB38	ŧ	LATIN SMALL LETTER L WITH DOUBLE MIDDLE	ADOD	^	• indicates a short vowel
		TILDE			→ 02D8 breve
		→ 026B ł latin small letter I with middle tilde			→ 224D × equivalent to
V D 3 O	1	→ 2C61 ‡ latin small letter I with double bar			→ 23D1 ~ metrical breve
AB39 AB3A	ł	LATIN SMALL LETTER L WITH MIDDLE RING LATIN SMALL LETTER M WITH CROSSED-TAIL			→ 2E46 X inverted low kavyka with kavyka above
AB3B	m p	LATIN SMALL LETTER N WITH CROSSED-TAIL LATIN SMALL LETTER N WITH CROSSED-TAIL	AB5C	h	MODIFIER LETTER SMALL HENG
AB3C	ŋ	LATIN SMALL LETTER IN WITH CROSSED-TAIL LATIN SMALL LETTER ENG WITH CROSSED-TAIL		,	\approx <super> A727 \mathfrak{h}</super>
AB3D	ื่อ กั	LATIN SMALL LETTER BLACKLETTER O	AB5D	ł	MODIFIER LETTER SMALL L WITH INVERTED LAZY S
71000	٠	→ 1D52C o mathematical fraktur small o			AZYS ≈ <super> AB37 }</super>
AB3E	Ø	LATIN SMALL LETTER BLACKLETTER O WITH	AB5E	ł	MODIFIER LETTER SMALL L WITH MIDDLE
		STROKE	71202		TILDE
		• This letter was encoded based on a			≈ <super> 026B ł</super>
		misinterpretation of a low quality copy of Sievers 1901. It is not actually used in German	AB5F	u	MODIFIER LETTER SMALL U WITH LEFT HOOK
		dialectology.			pprox <super> AB52 $f u$</super>
		\rightarrow 00F8 ϕ latin small letter o with stroke	Historic letters for Sakha (Yakut)		
AB3F	Ø	LATIN SMALL LETTER OPEN O WITH STROKE	These letters were used from 1917 to 1927 in the official IPA-		
AB40	æ	LATIN SMALL LETTER INVERTED OE	based Latin orthography of that era.		
AB41	90	= latin small letter o reversed-schwa LATIN SMALL LETTER TURNED OE WITH	AB60	ΙЬ	LATIN SMALL LETTER SAKHA YAT
AD4 I	90	STROKE			→ 0463 Ѣ cyrillic small letter yat
AB42	æ	LATIN SMALL LETTER TURNED OF WITH	AB61	ю	LATIN SMALL LETTER IOTIFIED E
		HORIZONTAL STROKE	A DGO	•	→ 0465 Æ cyrillic small letter iotified e LATIN SMALL LETTER OPEN OE
AB43	ω	LATIN SMALL LETTER TURNED O OPEN-O	AB62	\mathbf{x}	→ 0254 3 latin small letter open o
AB44	Ø	LATIN SMALL LETTER TURNED O OPEN-O WITH	AB63	ın	LATIN SMALL LETTER UO
AB45		STROKE LATIN SMALL LETTER STIRRUP R			
AB46	Ь R	LATIN SMALL LETTER STIRROP R LATIN LETTER SMALL CAPITAL R WITH RIGHT			r Americanist orthographies
, (D- 1 0	J.	LEG	AB64	a	LATIN SMALL LETTER INVERTED ALPHA • unrounded low back yowel
AB47		LATIN SMALL LETTER R WITHOUT HANDLE			
AB48	1	LATIN SMALL LETTER IN WITHOUT HANDLE			
	r r	LATIN SMALL LETTER R WITHOUT HANDLE	AB65	Ω	→ 0252 p latin small letter turned alpha
AB49			AB65	Ω	GREEK LETTER SMALL CAPITAL OMEGA
AB49 AB4A	r	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH	AB65	Ω	GREEK LETTER SMALL CAPITAL OMEGA obsolete for mid back rounded vowel Other Greek small capital letters are located in
AB4A	r r	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL	AB65	Ω	 GREEK LETTER SMALL CAPITAL OMEGA obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A.
	r s	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL LATIN SMALL LETTER SCRIPT R	AB65	Ω	GREEK LETTER SMALL CAPITAL OMEGA • obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A. → 0277 ω latin small letter closed omega
AB4A AB4B	r r	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL LATIN SMALL LETTER SCRIPT R → 1D4C7 ★ mathematical script small r			GREEK LETTER SMALL CAPITAL OMEGA • obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A. \rightarrow 0277 ω latin small letter closed omega \rightarrow 03A9 Ω greek capital letter omega
AB4A	r r	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL LATIN SMALL LETTER SCRIPT R	Lette	rs fo	GREEK LETTER SMALL CAPITAL OMEGA • obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A. $\rightarrow 0277 \ \omega \ \ latin \ small \ \ letter \ closed \ omega$ $\rightarrow 03A9 \ \Omega \ \ greek \ capital \ \ letter \ omega$ r sinological and Tibetanist phonetic
AB4A AB4B AB4C	r r z	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL LATIN SMALL LETTER SCRIPT R → 1D4C7 ≠ mathematical script small r LATIN SMALL LETTER SCRIPT R WITH RING	Lette trans	rs fo	GREEK LETTER SMALL CAPITAL OMEGA • obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A. $\rightarrow 0277 \ \omega \ \ latin \ small \ letter \ closed \ omega$ $\rightarrow 03A9 \ \Omega \ \ greek \ capital \ letter \ omega$ r sinological and Tibetanist phonetic ion
AB4A AB4B AB4C	r r z	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL LATIN SMALL LETTER SCRIPT R → 1D4C7 ≠ mathematical script small r LATIN SMALL LETTER SCRIPT R WITH RING LATIN SMALL LETTER BASELINE ESH → 0283 ∫ latin small letter esh LATIN SMALL LETTER U WITH SHORT RIGHT	Lette trans	rs fo	GREEK LETTER SMALL CAPITAL OMEGA • obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A. \rightarrow 0277 ω latin small letter closed omega \rightarrow 03A9 Ω greek capital letter omega r sinological and Tibetanist phonetic cion LATIN SMALL LETTER DZ DIGRAPH WITH
AB4A AB4B AB4C AB4D AB4E	r r z 3 ∫	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL LATIN SMALL LETTER SCRIPT R → 1D4C7 ≠ mathematical script small r LATIN SMALL LETTER SCRIPT R WITH RING LATIN SMALL LETTER BASELINE ESH → 0283 ∫ latin small letter esh LATIN SMALL LETTER U WITH SHORT RIGHT LEG	Lette trans	rs fo	GREEK LETTER SMALL CAPITAL OMEGA • obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A. → 0277 ω latin small letter closed omega → 03A9 Ω greek capital letter omega r sinological and Tibetanist phonetic cion LATIN SMALL LETTER DZ DIGRAPH WITH RETROFLEX HOOK
AB4A AB4B AB4C AB4D	2 2 3 4 3 4	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL LATIN SMALL LETTER SCRIPT R → 1D4C7 ≠ mathematical script small r LATIN SMALL LETTER SCRIPT R WITH RING LATIN SMALL LETTER BASELINE ESH → 0283 ∫ latin small letter esh LATIN SMALL LETTER U WITH SHORT RIGHT LEG LATIN SMALL LETTER U BAR WITH SHORT	Lette trans	rs fo	GREEK LETTER SMALL CAPITAL OMEGA • obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A. → 0277 ω latin small letter closed omega → 03A9 Ω greek capital letter omega r sinological and Tibetanist phonetic cion LATIN SMALL LETTER DZ DIGRAPH WITH RETROFLEX HOOK • voiced retroflex affricate
AB4A AB4B AB4C AB4D AB4E AB4F	r r z 3∫ u	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL LATIN SMALL LETTER SCRIPT R → 1D4C7 ≠ mathematical script small r LATIN SMALL LETTER SCRIPT R WITH RING LATIN SMALL LETTER BASELINE ESH → 0283 ∫ latin small letter esh LATIN SMALL LETTER U WITH SHORT RIGHT LEG LATIN SMALL LETTER U BAR WITH SHORT RIGHT LEG	Lette trans	rs fo	GREEK LETTER SMALL CAPITAL OMEGA • obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A. → 0277 ω latin small letter closed omega → 03A9 Ω greek capital letter omega r sinological and Tibetanist phonetic cion LATIN SMALL LETTER DZ DIGRAPH WITH RETROFLEX HOOK
AB4A AB4B AB4C AB4D AB4E	r r z 3∫ u	LATIN SMALL LETTER DOUBLE R LATIN SMALL LETTER R WITH CROSSED-TAIL LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL LATIN SMALL LETTER SCRIPT R → 1D4C7 ≠ mathematical script small r LATIN SMALL LETTER SCRIPT R WITH RING LATIN SMALL LETTER BASELINE ESH → 0283 ∫ latin small letter esh LATIN SMALL LETTER U WITH SHORT RIGHT LEG LATIN SMALL LETTER U BAR WITH SHORT	Lette trans	rs fo	• obsolete for mid back rounded vowel Other Greek small capital letters are located in the range 1D26-1D2A. → 0277 ω latin small letter closed omega → 03A9 Ω greek capital letter omega r sinological and Tibetanist phonetic cion LATIN SMALL LETTER DZ DIGRAPH WITH RETROFLEX HOOK • voiced retroflex affricate → 0290 z latin small letter z with retroflex hook

AB52 $\,u\,$ Latin small letter u with left hook

AB67 ts LATIN SMALL LETTER TS DIGRAPH WITH RETROFLEX HOOK

- voiceless retroflex affricate
- ightarrow 0282 \S latin small letter s with hook
- \rightarrow 02A6 **ts** latin small letter ts digraph

Letters for Scots dialectology

These letters are used in phonetic transcription in Scots dictionaries.

AB68 & LATIN SMALL LETTER TURNED R WITH MIDDLE

- velarized dento-alveolar approximant
- \rightarrow 1D72 \mathbf{r} latin small letter r with middle tilde

AB69 MODIFIER LETTER SMALL TURNED W

- voiceless bilabial realization
- \rightarrow 1ACO $\stackrel{\frown}{M}$ combining latin small letter turned w below
- \approx <super> 028D M

AB6A - MODIFIER LETTER LEFT TACK

- fronted vocalic realization
- → 02D4 modifier letter up tack
- \rightarrow 0318 \circ combining left tack below

AB6B MODIFIER LETTER RIGHT TACK

- backed vocalic realization
- \rightarrow 0319 \circ combining right tack below