

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*

Characters in this chart that are new for The Unicode Standard, Version 17.0 are shown in conjunction with any existing characters. For ease of reference, the new characters have been highlighted in the chart grid and in the names list. This file will not be updated with errata, or when additional characters are assigned 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	Ⓔ AB30	Ⓞ AB40	Ⓚ AB50	Ⓟ AB60
1	Ⓐ AB31	Ⓞ AB41	Ⓜ AB51	Ⓡ AB61
2	Ⓡ AB32	Ⓞ AB42	Ⓚ AB52	Ⓐ AB62
3	Ⓡ AB33	Ⓞ AB43	Ⓚ AB53	Ⓞ AB63
4	ⒸⓇ AB34	Ⓞ AB44	Ⓚ AB54	Ⓡ AB64
5	Ⓡ AB35	Ⓡ AB45	Ⓚ AB55	Ⓞ AB65
6	Ⓡ AB36	Ⓡ AB46	Ⓚ AB56	Ⓒ AB66
7	Ⓡ AB37	Ⓡ AB47	Ⓚ AB57	Ⓡ AB67
8	Ⓡ AB38	Ⓡ AB48	Ⓚ AB58	Ⓡ AB68
9	Ⓡ AB39	Ⓡ AB49	Ⓚ AB59	Ⓡ AB69
A	Ⓡ AB3A	Ⓡ AB4A	Ⓚ AB5A	Ⓡ AB6A
B	Ⓡ AB3B	Ⓡ AB4B	Ⓚ AB5B	Ⓡ AB6B
C	Ⓡ AB3C	Ⓡ AB4C	Ⓚ AB5C	
D	Ⓡ AB3D	Ⓡ AB4D	Ⓚ AB5D	
E	Ⓡ AB3E	Ⓡ AB4E	Ⓚ AB5E	
F	Ⓡ AB3F	Ⓡ AB4F	Ⓚ AB5F	

Letters for German dialectology

AB30	Ɽ	LATIN SMALL LETTER BARRED ALPHA
		• This letter is a Latin alpha with a horizontal strikethrough bar. In some font designs, the bar might not extend beyond the edge of the letter, and in such cases, the letter should not be confused with a ligature of epsilon and iota.
AB31	æ	LATIN SMALL LETTER A REVERSED-SCHWA
AB32	ɛ	LATIN SMALL LETTER BLACKLETTER E
		→ 1D522 e mathematical fraktur small e
AB33	ⓔ	LATIN SMALL LETTER BARRED E
AB34	Ⓒ	LATIN SMALL LETTER E WITH FLOURISH
AB35	f	LATIN SMALL LETTER LENIS F
		→ 0066 f latin small letter f
AB36	g̃	LATIN SMALL LETTER SCRIPT G WITH CROSSED-TAIL
AB37	ł̣	LATIN SMALL LETTER L WITH INVERTED LAZY S
AB38	ł̨	LATIN SMALL LETTER L WITH DOUBLE MIDDLE TILDE
		→ 026B ł̣ latin small letter l with middle tilde
		→ 2C61 ł̨ latin small letter l with double bar
AB39	ł̇	LATIN SMALL LETTER L WITH MIDDLE RING
AB3A	ɱ	LATIN SMALL LETTER M WITH CROSSED-TAIL
AB3B	ɱ	LATIN SMALL LETTER N WITH CROSSED-TAIL
AB3C	ɱ	LATIN SMALL LETTER ENG WITH CROSSED-TAIL
AB3D	o	LATIN SMALL LETTER BLACKLETTER O
		→ 1D52C o mathematical fraktur small o
AB3E	ọ	LATIN SMALL LETTER BLACKLETTER O WITH STROKE
		• This letter was encoded based on a misinterpretation of a low quality copy of Sievers 1901. It is not actually used in German dialectology.
		→ 00F8 ọ latin small letter o with stroke
AB3F	ø	LATIN SMALL LETTER OPEN O WITH STROKE
AB40	œ	LATIN SMALL LETTER INVERTED OE
		= latin small letter o reversed-schwa
AB41	œ̃	LATIN SMALL LETTER TURNED OE WITH STROKE
AB42	œ̄	LATIN SMALL LETTER TURNED OE WITH HORIZONTAL STROKE
AB43	o̅	LATIN SMALL LETTER TURNED O OPEN-O
AB44	o̅̄	LATIN SMALL LETTER TURNED O OPEN-O WITH STROKE
AB45	ʀ	LATIN SMALL LETTER STIRRUP R
AB46	ŕ	LATIN LETTER SMALL CAPITAL R WITH RIGHT LEG
AB47	ɾ	LATIN SMALL LETTER R WITHOUT HANDLE
AB48	ɽ	LATIN SMALL LETTER DOUBLE R
AB49	ɽ̃	LATIN SMALL LETTER R WITH CROSSED-TAIL
AB4A	ɽ̄	LATIN SMALL LETTER DOUBLE R WITH CROSSED-TAIL
AB4B	ɿ	LATIN SMALL LETTER SCRIPT R
		→ 1D4C7 ɿ mathematical script small r
AB4C	ɿ̇	LATIN SMALL LETTER SCRIPT R WITH RING
AB4D	ʃ	LATIN SMALL LETTER BASELINE ESH
		→ 0283 ʃ latin small letter esh
AB4E	u	LATIN SMALL LETTER U WITH SHORT RIGHT LEG
AB4F	ụ	LATIN SMALL LETTER U BAR WITH SHORT RIGHT LEG
AB50	ui	LATIN SMALL LETTER UI
AB51	uī	LATIN SMALL LETTER TURNED UI
AB52	ụ	LATIN SMALL LETTER U WITH LEFT HOOK

AB53	χ	LATIN SMALL LETTER CHI
		• uppercase is A7B3 Χ
		→ 03C7 χ greek small letter chi
AB54	χ̣	LATIN SMALL LETTER CHI WITH LOW RIGHT RING
AB55	χ̤	LATIN SMALL LETTER CHI WITH LOW LEFT SERIF
AB56	χ̥	LATIN SMALL LETTER X WITH LOW RIGHT RING
AB57	χ̦	LATIN SMALL LETTER X WITH LONG LEFT LEG
AB58	χ̧	LATIN SMALL LETTER X WITH LONG LEFT LEG AND LOW RIGHT RING
AB59	χ̨	LATIN SMALL LETTER X WITH LONG LEFT LEG WITH SERIF
AB5A	y	LATIN SMALL LETTER Y WITH SHORT RIGHT LEG

Modifier letters for German dialectology

AB5B	˘	MODIFIER BREVE WITH INVERTED BREVE
		• indicates a short vowel
		→ 02D8 ˘ breve
		→ 224D ˘ equivalent to
		→ 23D1 ˘ metrical breve
		→ 2E46 ˘ inverted low kavyka with kavyka above
AB5C	ᵿ	MODIFIER LETTER SMALL HENG
		≈ <super> A727 ᵿ
AB5D	ł̣	MODIFIER LETTER SMALL L WITH INVERTED LAZY S
		≈ <super> AB37 ł̣
AB5E	ł̨	MODIFIER LETTER SMALL L WITH MIDDLE TILDE
		≈ <super> 026B ł̨
AB5F	ụ	MODIFIER LETTER SMALL U WITH LEFT HOOK
		≈ <super> AB52 ụ

Historic letters for Sakha (Yakut)

These letters were used from 1917 to 1927 in the official IPA-based Latin orthography of that era.

AB60	ӕ	LATIN SMALL LETTER SAKHA YAT
		→ 0463 ӕ cyrillic small letter yat
AB61	ӕ̄	LATIN SMALL LETTER IOTIFIED E
		→ 0465 ӕ̄ cyrillic small letter iotified e
AB62	œ	LATIN SMALL LETTER OPEN OE
		→ 0254 œ latin small letter open o
AB63	uo	LATIN SMALL LETTER UO

Letters for Americanist orthographies

AB64	ɑ	LATIN SMALL LETTER INVERTED ALPHA
		• unrounded low back vowel
		→ 0252 ɑ latin small letter turned alpha
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
		→ 03A9 Ω greek capital letter omega

Letters for sinological and Tibetanist phonetic transcription

AB66	ɟ̣	LATIN SMALL LETTER DZ DIGRAPH WITH RETROFLEX HOOK
		• voiced retroflex affricate
		→ 0290 ɟ̣ latin small letter z with retroflex hook
		→ 02A3 ɟ̣ latin small letter dz digraph

- AB67 **ʂ** LATIN SMALL LETTER TS DIGRAPH WITH RETROFLEX HOOK
- voiceless retroflex affricate
 - 0282 **ʂ** latin small letter s with hook
 - 02A6 **ʂ** latin small letter ts digraph

Letters for Scots dialectology

These letters are used in phonetic transcription in Scots dictionaries.

- AB68 **ɹ̥** LATIN SMALL LETTER TURNED R WITH MIDDLE TILDE
- velarized dento-alveolar approximant
 - 1D72 **ɹ̥** latin small letter r with middle tilde
- AB69 **ᵛ** MODIFIER LETTER SMALL TURNED W
- voiceless bilabial realization
 - 1AC0 **ᵛ** combining latin small letter turned w below
 - ≈ <super> 028D **ᵛ**
- AB6A **ɹ̥** MODIFIER LETTER LEFT TACK
- fronted vocalic realization
 - 02D4 **ɹ̥** modifier letter up tack
 - 0318 **ɹ̥** combining left tack below
- AB6B **ɹ̥** MODIFIER LETTER RIGHT TACK
- backed vocalic realization
 - 0319 **ɹ̥** combining right tack below