

Phonetic Extensions

Range: 1D00–1D7F

This file contains an excerpt from the character code tables and list of character names for

The Unicode Standard, Version 17.0 BETA REVIEW DRAFT

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.

	1D0	1D1	1D2	1D3	1D4	1D5	1D6	1D7
0	À 1D00	Á 1D10	Â 1D20	Ä 1D30	Å 1D40	æ 1D50	ø 1D60	ŕ 1D70
1	Æ 1D01	Ö 1D11	W 1D21	E 1D31	U 1D41	ŋ 1D51	χ 1D61	þ 1D71
2	æ 1D02	ö 1D12	Z 1D22	Ǝ 1D32	W 1D42	o 1D52	i 1D62	ƒ 1D72
3	B 1D03	Ø 1D13	Ƴ 1D23	G 1D33	a 1D43	ɔ̃ 1D53	r 1D63	ƒ 1D73
4	C 1D04	æ̃ 1D14	ʔ 1D24	H 1D34	ɐ̃ 1D44	ˆ 1D54	u 1D64	S 1D74
5	D 1D05	ɤ̃ 1D15	ɹ̃ 1D25	I 1D35	ɑ̃ 1D45	˘ 1D55	v 1D65	ţ 1D75
6	Ð 1D06	ˆ 1D16	Γ 1D26	J 1D36	æ̃ 1D46	p 1D56	β 1D66	z 1D76
7	E 1D07	˘ 1D17	Λ 1D27	K 1D37	b 1D47	t 1D57	γ 1D67	ð 1D77
8	Ƴ 1D08	P 1D18	Π 1D28	L 1D38	d 1D48	u 1D58	ρ 1D68	H 1D78
9	İ̇ 1D09	Я̇ 1D19	Ṗ 1D29	Ṁ 1D39	ė 1D49	≈̇ 1D59	φ̇ 1D69	Ƨ̇ 1D79
A	J̇ 1D0A	Я̇ 1D1A	Ψ̇ 1D2A	Ṅ 1D3A	ə̇ 1D4A	Ƶ̇ 1D5A	χ̇ 1D6A	tḣ 1D7A
B	K̇ 1D0B	Ṫ 1D1B	Π̇ 1D2B	И̇ 1D3B	ε̇ 1D4B	v̇ 1D5B	œ̇ 1D6B	ı̇ 1D7B
C	Ł̇ 1D0C	U̇ 1D1C	Ȧ 1D2C	Ȯ 1D3C	ɜ̇ 1D4C	ɹ̇ 1D5C	ʔ̇ 1D6C	ţ̇ 1D7C
D	Ṁ 1D0D	≈̇ 1D1D	Æ̇ 1D2D	ɤ̇ 1D3D	ġ 1D4D	β̇ 1D5D	ɖ̇ 1D6D	þ̇ 1D7D
E	И̇ 1D0E	≈̇ 1D1E	Ḃ 1D2E	Ṗ 1D3E	İ̇ 1D4E	γ̇ 1D5E	ƒ̇ 1D6E	Ƨ̇ 1D7E
F	Ȯ 1D0F	Ξ̇ 1D1F	Ḃ 1D2F	Ṙ 1D3F	k̇ 1D4F	δ̇ 1D5F	Ƶ̇ 1D6F	Ƨ̇ 1D7F

These are non-IPA phonetic extensions, mostly for the Uralic Phonetic Alphabet (UPA).

The small capitals, superscript, and subscript forms are for phonetic representations where style variations are semantically important.

For general text, use regular Latin, Greek or Cyrillic letters with markup instead.

Latin letters

1D00	À	LATIN LETTER SMALL CAPITAL A
1D01	Æ	LATIN LETTER SMALL CAPITAL AE
1D02	Ǽ	LATIN SMALL LETTER TURNED AE
		• glyph can also have sideways orientation
1D03	Ɓ	LATIN LETTER SMALL CAPITAL BARRED B
		→ 0243 Ɓ latin capital letter b with stroke
1D04	Ƈ	LATIN LETTER SMALL CAPITAL C
1D05	Ɖ	LATIN LETTER SMALL CAPITAL D
1D06	Ɗ	LATIN LETTER SMALL CAPITAL ETH
1D07	Ǝ	LATIN LETTER SMALL CAPITAL E
1D08	Ʒ	LATIN SMALL LETTER TURNED OPEN E
		→ 025C Ʒ latin small letter reversed open e
		→ 1D4C ³ modifier letter small turned open e
1D09	Ǝ̃	LATIN SMALL LETTER TURNED I
1D0A	Ɔ	LATIN LETTER SMALL CAPITAL J
1D0B	Ǝ̃	LATIN LETTER SMALL CAPITAL K
		→ 0138 Ǝ̃ latin small letter kra
		→ 043A Ǝ̃ cyrillic small letter ka
1D0C	Ǝ̃	LATIN LETTER SMALL CAPITAL L WITH STROKE
1D0D	Ǝ̃	LATIN LETTER SMALL CAPITAL M
1D0E	Ǝ̃	LATIN LETTER SMALL CAPITAL REVERSED N
		→ 0438 Ǝ̃ cyrillic small letter i
		→ 1D3B Ǝ̃ modifier letter capital reversed n
1D0F	Ǝ̃	LATIN LETTER SMALL CAPITAL O
1D10	Ǝ̃	LATIN LETTER SMALL CAPITAL OPEN O
		→ 0254 Ǝ̃ latin small letter open o
		→ 2184 Ǝ̃ latin small letter reversed c
1D11	Ǝ̃	LATIN SMALL LETTER SIDEWAYS O
1D12	Ǝ̃	LATIN SMALL LETTER SIDEWAYS OPEN O
1D13	Ǝ̃	LATIN SMALL LETTER SIDEWAYS O WITH STROKE
1D14	Ǽ	LATIN SMALL LETTER TURNED OE
		• glyph can also have sideways orientation
1D15	Ɔ	LATIN LETTER SMALL CAPITAL OU
1D16	Ɔ	LATIN SMALL LETTER TOP HALF O
1D17	Ɔ	LATIN SMALL LETTER BOTTOM HALF O
1D18	Ɔ	LATIN LETTER SMALL CAPITAL P
		• represents a semi-voiced [p]
		→ 1D29 Ɔ greek letter small capital rho
1D19	Ɔ	LATIN LETTER SMALL CAPITAL REVERSED R
1D1A	Ɔ	LATIN LETTER SMALL CAPITAL TURNED R
1D1B	Ɔ	LATIN LETTER SMALL CAPITAL T
		→ 0442 Ɔ cyrillic small letter te
1D1C	Ɔ	LATIN LETTER SMALL CAPITAL U
1D1D	Ɔ	LATIN SMALL LETTER SIDEWAYS U
1D1E	Ɔ	LATIN SMALL LETTER SIDEWAYS DIAERESIZED U
		• glyph can also have turned orientation
1D1F	Ɔ	LATIN SMALL LETTER SIDEWAYS TURNED M
1D20	Ɔ	LATIN LETTER SMALL CAPITAL V
1D21	Ɔ	LATIN LETTER SMALL CAPITAL W
1D22	Ɔ	LATIN LETTER SMALL CAPITAL Z
1D23	Ɔ	LATIN LETTER SMALL CAPITAL EZH
		→ 04E1 Ɔ cyrillic small letter abkhassian dze

1D24	Ɔ	LATIN LETTER VOICED LARYNGEAL SPIRANT
1D25	Ɔ	LATIN LETTER AIN
		→ 0639 Ɔ arabic letter ain
		→ A725 Ɔ latin small letter egyptological ain

Greek letters

An additional Greek small capital letter is at AB65.

1D26	Ɔ	GREEK LETTER SMALL CAPITAL GAMMA
1D27	Ɔ	GREEK LETTER SMALL CAPITAL LAMDA
1D28	Ɔ	GREEK LETTER SMALL CAPITAL PI
1D29	Ɔ	GREEK LETTER SMALL CAPITAL RHO
		• represents a voiceless uvular trill
		→ 1D18 Ɔ latin letter small capital p
1D2A	Ɔ	GREEK LETTER SMALL CAPITAL PSI

Cyrillic letter

1D2B	Ɔ	CYRILLIC LETTER SMALL CAPITAL EL
		• in italic style, the glyph is obliqued, not italicized
		→ 043B Ɔ cyrillic small letter el

Latin superscript modifier letters

See also superscript Latin letters in the Spacing Modifier Letters block starting at 02B0.

1D2C	Ɔ	MODIFIER LETTER CAPITAL A
		≈ <super> 0041 A
1D2D	Ɔ	MODIFIER LETTER CAPITAL AE
		≈ <super> 00C6 Æ
1D2E	Ɔ	MODIFIER LETTER CAPITAL B
		≈ <super> 0042 B
1D2F	Ɔ	MODIFIER LETTER CAPITAL BARRED B
1D30	Ɔ	MODIFIER LETTER CAPITAL D
		≈ <super> 0044 D
1D31	Ɔ	MODIFIER LETTER CAPITAL E
		≈ <super> 0045 E
1D32	Ɔ	MODIFIER LETTER CAPITAL REVERSED E
		≈ <super> 018E Ǝ̃
1D33	Ɔ	MODIFIER LETTER CAPITAL G
		≈ <super> 0047 G
1D34	Ɔ	MODIFIER LETTER CAPITAL H
		≈ <super> 0048 H
		A typographical distinction between a capital form and a small capital form is not distinctive for this character in IPA usage.
		• voiceless epiglottalized release (extended IPA)
		→ 029C Ɔ latin letter small capital h
		→ 1D78 Ɔ modifier letter cyrillic en
1D35	Ɔ	MODIFIER LETTER CAPITAL I
		≈ <super> 0049 I
1D36	Ɔ	MODIFIER LETTER CAPITAL J
		≈ <super> 004A J
1D37	Ɔ	MODIFIER LETTER CAPITAL K
		≈ <super> 004B K
1D38	Ɔ	MODIFIER LETTER CAPITAL L
		≈ <super> 004C L
1D39	Ɔ	MODIFIER LETTER CAPITAL M
		≈ <super> 004D M
1D3A	Ɔ	MODIFIER LETTER CAPITAL N
		≈ <super> 004E N
1D3B	Ɔ	MODIFIER LETTER CAPITAL REVERSED N
1D3C	Ɔ	MODIFIER LETTER CAPITAL O
		≈ <super> 004F O
1D3D	Ɔ	MODIFIER LETTER CAPITAL OU
		≈ <super> 0222 8

1D3E	^P	MODIFIER LETTER CAPITAL P ≈ <super> 0050 P
1D3F	^R	MODIFIER LETTER CAPITAL R ≈ <super> 0052 R
1D40	^T	MODIFIER LETTER CAPITAL T ≈ <super> 0054 T
1D41	^U	MODIFIER LETTER CAPITAL U ≈ <super> 0055 U
1D42	^W	MODIFIER LETTER CAPITAL W ≈ <super> 0057 W
1D43	^a	MODIFIER LETTER SMALL A ≈ <super> 0061 a
1D44	^ɐ	MODIFIER LETTER SMALL TURNED A ≈ <super> 0250 ɐ
1D45	^α	MODIFIER LETTER SMALL ALPHA ≈ <super> 0251 α
1D46	^æ	MODIFIER LETTER SMALL TURNED AE ≈ <super> 1D02 æ
1D47	^b	MODIFIER LETTER SMALL B ≈ <super> 0062 b
1D48	^d	MODIFIER LETTER SMALL D ≈ <super> 0064 d
1D49	^e	MODIFIER LETTER SMALL E ≈ <super> 0065 e
1D4A	^ə	MODIFIER LETTER SMALL SCHWA ≈ <super> 0259 ə
1D4B	^ɛ	MODIFIER LETTER SMALL OPEN E ≈ <super> 025B ɛ
1D4C	^ɜ	MODIFIER LETTER SMALL TURNED OPEN E • more appropriate equivalence would be to 1D08 ɜ ≈ <super> 025C ɜ
1D4D	^g	MODIFIER LETTER SMALL G ≈ <super> 0067 g
1D4E	^ɨ	MODIFIER LETTER SMALL TURNED I
1D4F	^k	MODIFIER LETTER SMALL K ≈ <super> 006B k
1D50	^m	MODIFIER LETTER SMALL M ≈ <super> 006D m
1D51	^ŋ	MODIFIER LETTER SMALL ENG ≈ <super> 014B ŋ
1D52	^o	MODIFIER LETTER SMALL O ≈ <super> 006F o
1D53	^ɔ	MODIFIER LETTER SMALL OPEN O ≈ <super> 0254 ɔ
1D54	^ʌ	MODIFIER LETTER SMALL TOP HALF O ≈ <super> 1D16 ʌ
1D55	^ʊ	MODIFIER LETTER SMALL BOTTOM HALF O ≈ <super> 1D17 ʊ
1D56	^p	MODIFIER LETTER SMALL P ≈ <super> 0070 p
1D57	^t	MODIFIER LETTER SMALL T ≈ <super> 0074 t
1D58	^u	MODIFIER LETTER SMALL U ≈ <super> 0075 u
1D59	^ɸ	MODIFIER LETTER SMALL SIDEWAYS U ≈ <super> 1D1D ɸ
1D5A	^ɯ	MODIFIER LETTER SMALL TURNED M ≈ <super> 026F ɯ
1D5B	^v	MODIFIER LETTER SMALL V ≈ <super> 0076 v

1D5C	^Ⲁ	MODIFIER LETTER SMALL AIN → A725 Ⲁ latin small letter egyptological ain ≈ <super> 1D25 Ⲁ
------	--------------	--

Greek superscript modifier letters

1D5D	^β	MODIFIER LETTER SMALL BETA ≈ <super> 03B2 β
1D5E	^γ	MODIFIER LETTER SMALL GREEK GAMMA ≈ <super> 03B3 γ
1D5F	^δ	MODIFIER LETTER SMALL DELTA ≈ <super> 03B4 δ
1D60	^φ	MODIFIER LETTER SMALL GREEK PHI ≈ <super> 03C6 φ
1D61	^χ	MODIFIER LETTER SMALL CHI ≈ <super> 03C7 χ

Latin subscript modifier letters

1D62	_i	LATIN SUBSCRIPT SMALL LETTER I ≈ <sub> 0069 i
1D63	_r	LATIN SUBSCRIPT SMALL LETTER R ≈ <sub> 0072 r
1D64	_u	LATIN SUBSCRIPT SMALL LETTER U ≈ <sub> 0075 u
1D65	_v	LATIN SUBSCRIPT SMALL LETTER V ≈ <sub> 0076 v

Greek subscript modifier letters

1D66	_β	GREEK SUBSCRIPT SMALL LETTER BETA ≈ <sub> 03B2 β
1D67	_γ	GREEK SUBSCRIPT SMALL LETTER GAMMA ≈ <sub> 03B3 γ
1D68	_ρ	GREEK SUBSCRIPT SMALL LETTER RHO ≈ <sub> 03C1 ρ
1D69	_φ	GREEK SUBSCRIPT SMALL LETTER PHI ≈ <sub> 03C6 φ
1D6A	_χ	GREEK SUBSCRIPT SMALL LETTER CHI ≈ <sub> 03C7 χ

Latin letter for American lexicography

1D6B	Ʌ	LATIN SMALL LETTER UE
------	----------	-----------------------

Latin letters with middle tilde

Additional letters with middle tilde are found in other blocks.

→ 026B **ɬ** latin small letter l with middle tilde

→ AB68 **ɺ** latin small letter turned r with middle tilde

1D6C	ɮ	LATIN SMALL LETTER B WITH MIDDLE TILDE
1D6D	ɞ	LATIN SMALL LETTER D WITH MIDDLE TILDE
1D6E	ɟ	LATIN SMALL LETTER F WITH MIDDLE TILDE
1D6F	ɢ	LATIN SMALL LETTER M WITH MIDDLE TILDE
1D70	ɣ	LATIN SMALL LETTER N WITH MIDDLE TILDE
1D71	ɥ	LATIN SMALL LETTER P WITH MIDDLE TILDE
1D72	ɹ	LATIN SMALL LETTER R WITH MIDDLE TILDE
1D73	ɺ	LATIN SMALL LETTER R WITH FISHHOOK AND MIDDLE TILDE
1D74	ɽ	LATIN SMALL LETTER S WITH MIDDLE TILDE
1D75	ɿ	LATIN SMALL LETTER T WITH MIDDLE TILDE
1D76	ɿ	LATIN SMALL LETTER Z WITH MIDDLE TILDE

Letters for Caucasian linguistics

1D77	Ბ	LATIN SMALL LETTER TURNED G • Georgian transcription → 10F9 Ბ georgian letter turned gan
------	----------	---

- 1D78 ^h MODIFIER LETTER CYRILLIC EN
- sometimes substituted for 1D34 ^h in extended IPA
 - 1D34 ^h modifier letter capital h
 - ≈ <super> 043D ^h

Other phonetic symbols

- 1D79 ^s LATIN SMALL LETTER INSULAR G
- older Irish phonetic notation
 - uppercase is A77D ^S
 - 0067 ^g latin small letter g
 - 021D ^ɜ latin small letter yogh
 - 0261 ^g latin small letter script g
 - 0263 ^ɣ latin small letter gamma
 - A7D1 ^g latin small letter closed insular g
- 1D7A th LATIN SMALL LETTER TH WITH STRIKETHROUGH
- American dictionary usage
 - 03B8 ^θ greek small letter theta
- 1D7B ⁱ LATIN SMALL CAPITAL LETTER I WITH STROKE
- used with different meanings by Americanists and Oxford dictionaries
 - 0197 ^I latin capital letter i with stroke
- 1D7C ^ɪ LATIN SMALL LETTER IOTA WITH STROKE
- used by Russianists
- 1D7D ^p LATIN SMALL LETTER P WITH STROKE
- used by Americanists
 - uppercase is 2C63 ^P
- 1D7E ^u LATIN SMALL CAPITAL LETTER U WITH STROKE
- used by Americanists
 - 0289 ^u latin small letter u bar
- 1D7F ^u LATIN SMALL LETTER UPSILON WITH STROKE
- used by Americanists and Oxford dictionaries