

IPA Extensions

Range: 0250–02AF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 6.0*.

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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-6.0/> for charts showing only the characters added in Unicode 6.0.
See <http://www.unicode.org/Public/6.0.0/charts/> for a complete archived file of character code charts for Unicode 6.0.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 6.0 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 6.0, online at <http://www.unicode.org/versions/Unicode6.0.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, and #44, 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.

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

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	025	026	027	028	029	02A
0	ɐ 0250	ɡ 0260	ɥ 0270	ʀ 0280	ʐ 0290	ɸ 02A0
1	ɑ 0251	ɡ 0261	ɱ 0271	ʁ 0281	ʑ 0291	ʦ 02A1
2	ɒ 0252	ɠ 0262	ɲ 0272	ʂ 0282	ʑ 0292	ɸ 02A2
3	ɓ 0253	ɣ 0263	ɳ 0273	ʃ 0283	ʒ 0293	ɸ 02A3
4	ɔ 0254	ɤ 0264	ɴ 0274	ʃ 0284	ʐ 0294	ɸ 02A4
5	ɛ 0255	ɥ 0265	ɵ 0275	ɹ 0285	ɸ 0295	ɸ 02A5
6	ɖ 0256	ɦ 0266	æ 0276	ɹ 0286	ɹ 0296	ɸ 02A6
7	ɸ 0257	ɦ 0267	ω 0277	ɹ 0287	ɸ 0297	ɸ 02A7
8	ə 0258	ɨ 0268	ɸ 0278	ɸ 0288	ɸ 0298	ɸ 02A8
9	ə 0259	ɹ 0269	ɹ 0279	ɸ 0289	ɸ 0299	ɸ 02A9
A	ɸ 025A	ɹ 026A	ɹ 027A	ɸ 028A	ɸ 029A	ɸ 02AA
B	ɸ 025B	ɹ 026B	ɹ 027B	ɸ 028B	ɸ 029B	ɸ 02AB
C	ɸ 025C	ɹ 026C	ɹ 027C	ɸ 028C	ɸ 029C	ɸ 02AC
D	ɸ 025D	ɹ 026D	ɹ 027D	ɸ 028D	ɸ 029D	ɸ 02AD
E	ɸ 025E	ɹ 026E	ɹ 027E	ɸ 028E	ɸ 029E	ɸ 02AE
F	ɸ 025F	ɹ 026F	ɹ 027F	ɸ 028F	ɸ 029F	ɸ 02AF

IPA extensions

IPA includes basic Latin letters and a number of Latin or Greek letters from other blocks.

- 00E6 æ latin small letter ae
- 00E7 ċ latin small letter c with cedilla
- 00F0 ð latin small letter eth
- 00F8 ø latin small letter o with stroke
- 0127 ħ latin small letter h with stroke
- 014B ŋ latin small letter eng
- 0153 œ latin small ligature oe
- 03B2 β greek small letter beta
- 03B8 θ greek small letter theta
- 03BB λ greek small letter lamda
- 03C7 χ greek small letter chi
- 0250 ɐ **LATIN SMALL LETTER TURNED A**
 - low central unrounded vowel
 - uppercase is 2C6F Ǻ
- 0251 ɑ **LATIN SMALL LETTER ALPHA**
 - = latin small letter script a (1.0)
 - low back unrounded vowel
 - uppercase is 2C6D Ǻ
 - 03B1 α greek small letter alpha
- 0252 ɒ **LATIN SMALL LETTER TURNED ALPHA**
 - low back rounded vowel
 - uppercase is 2C70 Ǻ
- 0253 ɸ **LATIN SMALL LETTER B WITH HOOK**
 - implosive bilabial stop
 - Pan-Nigerian alphabet
 - uppercase is 0181 Ɓ
- 0254 ɔ **LATIN SMALL LETTER OPEN O**
 - typographically a turned c
 - lower-mid back rounded vowel
 - in older Danish usage “ɔ:” means “that is”
 - uppercase is 0186 Ǻ
- 0255 ɕ **LATIN SMALL LETTER C WITH CURL**
 - voiceless alveolo-palatal laminal fricative
 - used in transcription of Mandarin Chinese
 - sound spelled with 015B ʃ in Polish
- 0256 ɖ **LATIN SMALL LETTER D WITH TAIL**
 - = d retroflex hook
 - voiced retroflex stop
 - uppercase is 0189 Ǻ
- 0257 ɗ **LATIN SMALL LETTER D WITH HOOK**
 - implosive dental or alveolar stop
 - Ewe, Pan-Nigerian alphabet
 - uppercase is 018A Ǻ
- 0258 ɘ **LATIN SMALL LETTER REVERSED E**
 - upper-mid central unrounded vowel
- 0259 ə **LATIN SMALL LETTER SCHWA**
 - mid-central unrounded vowel
 - uppercase is 018F Ǻ
 - variant uppercase form 018E Ǻ is associated with 01DD Ǻ
 - 01DD Ǻ latin small letter turned e
 - 04D9 Ǻ cyrillic small letter schwa
- 025A ɤ **LATIN SMALL LETTER SCHWA WITH HOOK**
 - rhotacized schwa
- 025B ɛ **LATIN SMALL LETTER OPEN E**
 - = epsilon
 - lower-mid front unrounded vowel
 - uppercase is 0190 Ǝ
 - 03B5 Ǝ greek small letter epsilon

- 025C ɜ **LATIN SMALL LETTER REVERSED OPEN E**
 - lower-mid central unrounded vowel
- 025D ɝ **LATIN SMALL LETTER REVERSED OPEN E WITH HOOK**
 - rhotacized lower-mid central vowel
- 025E ɞ **LATIN SMALL LETTER CLOSED REVERSED OPEN E**
 - = closed reversed epsilon
 - lower-mid central rounded vowel
- 025F ɟ **LATIN SMALL LETTER DOTLESS J WITH STROKE**
 - voiced palatal stop
 - typographically a turned f, but better thought of as a form of j
 - “gy” in Hungarian orthography
 - also archaic phonetic for palatoalveolar affricate 02A4 ɟ͡ʝ
- 0260 ɡ̊ **LATIN SMALL LETTER G WITH HOOK**
 - implosive velar stop
 - uppercase is 0193 Ƣ
- 0261 ɡ̌ **LATIN SMALL LETTER SCRIPT G**
 - voiced velar stop
 - 0067 ɡ latin small letter g
- 0262 ɡ̌ **LATIN LETTER SMALL CAPITAL G**
 - voiced uvular stop
- 0263 ɣ̌ **LATIN SMALL LETTER GAMMA**
 - voiced velar fricative
 - uppercase is 0194 Ƣ̌
 - 03B3 ɣ greek small letter gamma
- 0264 ɣ̌ **LATIN SMALL LETTER RAMS HORN**
 - = latin small letter baby gamma (1.0)
 - upper-mid back unrounded vowel
- 0265 ɥ̌ **LATIN SMALL LETTER TURNED H**
 - voiced rounded palatal approximant
 - uppercase is A78D Ƣ̌
- 0266 ɦ̌ **LATIN SMALL LETTER H WITH HOOK**
 - breathy-voiced glottal fricative
 - 02B1 ɦ̌ modifier letter small h with hook
- 0267 ɦ̌ **LATIN SMALL LETTER HENG WITH HOOK**
 - voiceless coarticulated velar and palatoalveolar fricative
 - “tj” or “kj” or “sj” in some Swedish dialects
- 0268 ɨ̌ **LATIN SMALL LETTER I WITH STROKE**
 - = barred i, i bar
 - high central unrounded vowel
 - uppercase is 0197 Ƣ̌
 - ISO 6438 gives lowercase of 0197 as 026A, not 0268
- 0269 ɪ̌ **LATIN SMALL LETTER IOTA**
 - semi-high front unrounded vowel
 - obsoleted by IPA in 1989
 - preferred use is 026A ɪ̌ latin letter small capital i
 - uppercase is 0196 Ƣ̌
 - 03B9 ɪ̌ greek small letter iota
- 026A ɪ̌ **LATIN LETTER SMALL CAPITAL I**
 - semi-high front unrounded vowel
 - preferred IPA alternate for 0269 ɪ̌
 - uppercase is 0197 Ƣ̌
- 026B ɬ̌ **LATIN SMALL LETTER L WITH MIDDLE TILDE**
 - velarized voiced alveolar lateral approximant
 - uppercase is 2C62 Ƣ̌
- 026C ɬ̌ **LATIN SMALL LETTER L WITH BELT**
 - voiceless alveolar lateral fricative

026D	l	LATIN SMALL LETTER L WITH RETROFLEX HOOK	027F	ɺ	LATIN SMALL LETTER REVERSED R WITH FISHHOOK
		• voiced retroflex lateral			= long leg turned iota (a misnomer)
026E	ɮ	LATIN SMALL LETTER LEZH			• apical dental vowel
		• voiced lateral fricative			• used by linguists working on Chinese and other Sino-Tibetan languages
		• “dhl” in Zulu orthography			• IPA spelling - 007A z 0329 ɿ
026F	ʷ	LATIN SMALL LETTER TURNED M			• preferred presentation is with a descender
		• high back unrounded vowel	0280	ʀ	LATIN LETTER SMALL CAPITAL R
		• uppercase is 019C ʷ			• voiced uvular trill
0270	ɥ	LATIN SMALL LETTER TURNED M WITH LONG LEG			• Germanic, Old Norse
		• voiced velar approximant			• uppercase is 01A6 ʀ
0271	ɱ	LATIN SMALL LETTER M WITH HOOK	0281	ɤ	LATIN LETTER SMALL CAPITAL INVERTED R
		• voiced labiodental nasal			• voiced uvular fricative or approximant
		• uppercase is 2C6E ɱ			→ 02B6 ɤ modifier letter small capital inverted r
0272	ɲ	LATIN SMALL LETTER N WITH LEFT HOOK	0282	ʂ	LATIN SMALL LETTER S WITH HOOK
		• voiced palatal nasal			• voiceless retroflex fricative
		• uppercase is 019D ɲ	0283	ʃ	LATIN SMALL LETTER ESH
0273	ɳ	LATIN SMALL LETTER N WITH RETROFLEX HOOK			• voiceless postalveolar fricative
		• voiced retroflex nasal			• uppercase is 01A9 ʃ
0274	ɺ	LATIN LETTER SMALL CAPITAL N			→ 222B ʃ integral
		• voiced uvular nasal	0284	ɶ	LATIN SMALL LETTER DOTLESS J WITH STROKE AND HOOK
0275	ɵ	LATIN SMALL LETTER BARRED O			• implosive palatal stop
		= o bar			• typographically based on 025F ɶ, not on 0283 ɶ
		• rounded mid-central vowel, i.e. rounded schwa	0285	ɷ	LATIN SMALL LETTER SQUAT REVERSED ESH
		• uppercase is 019F ɵ			• apical retroflex vowel
		→ 03B8 ɵ greek small letter theta			• used by linguists working on Chinese and other Sino-Tibetan languages
		→ 0473 ɵ cyrillic small letter fita			• IPA spelling - 0290 ɷ 0329 ɿ
		→ 04E9 ɵ cyrillic small letter barred o			• in origin 027F ɺ plus the retroflex hook 0322 ɿ, despite its name
0276	œ	LATIN LETTER SMALL CAPITAL OE			• preferred presentation is with a descender
		• low front rounded vowel	0286	ɸ	LATIN SMALL LETTER ESH WITH CURL
		→ 0153 œ latin small ligature oe			• palatalized voiceless postalveolar fricative
0277	ɤ	LATIN SMALL LETTER CLOSED OMEGA			• suggested spelling - 0283 ɸ 02B2 ɸ
		• semi-high back rounded vowel	0287	ɹ	LATIN SMALL LETTER TURNED T
		• obsoleted by IPA in 1989			• dental click (sound of “tsk tsk”)
		• preferred use is 028A ɹ latin small letter epsilon			→ 01C0 ɹ latin letter dental click
0278	φ	LATIN SMALL LETTER PHI	0288	ɽ	LATIN SMALL LETTER T WITH RETROFLEX HOOK
		• voiceless bilabial fricative			• voiceless retroflex stop
		→ 03C6 φ greek small letter phi			• uppercase is 01AE ɽ
0279	ɻ	LATIN SMALL LETTER TURNED R	0289	u̯	LATIN SMALL LETTER U BAR
		• voiced alveolar approximant			• high central rounded vowel
		→ 02B4 ɻ modifier letter small turned r			• uppercase is 0244 ɽ
027A	ɺ	LATIN SMALL LETTER TURNED R WITH LONG LEG	028A	ʊ	LATIN SMALL LETTER UPSILON
		• voiced lateral flap			• semi-high back rounded vowel
027B	ɻ	LATIN SMALL LETTER TURNED R WITH HOOK			• preferred IPA alternate to 0277 ɤ
		• voiced retroflex approximant			• uppercase is 01B1 ʊ
		→ 02B5 ɻ modifier letter small turned r with hook			→ 03C5 ʊ greek small letter epsilon
027C	ɽ	LATIN SMALL LETTER R WITH LONG LEG	028B	ʋ	LATIN SMALL LETTER V WITH HOOK
		• voiced strident apico-alveolar trill			= latin small letter script v (1.0)
		• obsoleted by IPA in 1989			• voiced labiodental approximant
		• sound spelled with 0159 ř in Czech			• uppercase is 01B2 ʋ
		• preferred phonetic representation for Czech is 0072 ɽ 031D ɿ			→ 03C5 ʋ greek small letter epsilon
		• in current use in Gaelic types (as glyph variant of 0072 ɽ)	028C	Λ	LATIN SMALL LETTER TURNED V
027D	ɽ	LATIN SMALL LETTER R WITH TAIL			= caret, wedge
		• voiced retroflex flap			• lower-mid back unrounded vowel
		• uppercase is 2C64 ɽ			• uppercase is 0245 Λ
027E	ɺ	LATIN SMALL LETTER R WITH FISHHOOK			→ 039B Λ greek capital letter lamda
		• voiced alveolar flap or tap			→ 2038 ɺ caret
					→ 2227 Λ logical and

028D	ᵹ	LATIN SMALL LETTER TURNED W
		• voiceless rounded labiovelar approximant
028E	ɣ	LATIN SMALL LETTER TURNED Y
		• voiced lateral approximant
028F	ʏ	LATIN LETTER SMALL CAPITAL Y
		• semi-high front rounded vowel
0290	ɀ	LATIN SMALL LETTER Z WITH RETROFLEX HOOK
		• voiced retroflex fricative
0291	ɱ	LATIN SMALL LETTER Z WITH CURL
		• voiced alveolo-palatal laminal fricative
		• sound spelled with 017A Ż in Polish
0292	Ʒ	LATIN SMALL LETTER EZH
		= dram
		• voiced postalveolar fricative
		• mistakenly named yogh in Unicode 1.0
		• uppercase is 01B7 Ʒ
		• Skolt Sami
		→ 021D Ʒ latin small letter yogh
		→ 04E1 Ʒ cyrillic small letter abkhassian dze
		→ 2125 Ʒ ounce sign
		→ 1F772 Ʒ alchemical symbol for half dram
0293	ɮ	LATIN SMALL LETTER EZH WITH CURL
		• palatalized voiced postalveolar fricative
0294	ʁ	LATIN LETTER GLOTTAL STOP
		• this is a caseless letter
		• used in IPA, other phonetic notations, and those orthographies which use a caseless glottal stop
		→ 0241 ʁ latin capital letter glottal stop
		→ 02C0 ʁ modifier letter glottal stop
0295	ʁ̥	LATIN LETTER PHARYNGEAL VOICED FRICATIVE
		= reversed glottal stop
		• voiced pharyngeal fricative
		• ain
		→ 01B9 ʁ̥ latin small letter ezh reversed
		→ 02C1 ʁ̥ modifier letter reversed glottal stop
0296	ɂ	LATIN LETTER INVERTED GLOTTAL STOP
		• lateral click
		→ 01C1 ɂ latin letter lateral click
0297	Ʉ	LATIN LETTER STRETCHED C
		• palatal (or alveolar) click
		→ 01C3 Ʉ latin letter retroflex click
		→ 2201 Ʉ complement
0298	⦿	LATIN LETTER BILABIAL CLICK
		= bullseye
		→ 2299 ⦿ circled dot operator
0299	ɸ	LATIN LETTER SMALL CAPITAL B
		• bilabial trill
029A	ɵ	LATIN SMALL LETTER CLOSED OPEN E
		= closed epsilon
		• lower-mid front rounded vowel
		• non-IPA alternate for the preferred 0153 œ
029B	ɢ	LATIN LETTER SMALL CAPITAL G WITH HOOK
		• voiced uvular implosive
029C	ɦ	LATIN LETTER SMALL CAPITAL H
		• voiceless epiglottal fricative
029D	ɟ	LATIN SMALL LETTER J WITH CROSSED-TAIL
		• voiced palatal fricative
029E	ɥ	LATIN SMALL LETTER TURNED K
		• proposed for velar click
		• withdrawn by IPA in 1970

029F	ɭ	LATIN LETTER SMALL CAPITAL L
		• velar lateral approximant
02A0	q̥	LATIN SMALL LETTER Q WITH HOOK
		• voiceless uvular implosive
02A1	ʔ	LATIN LETTER GLOTTAL STOP WITH STROKE
		• voiced epiglottal stop
02A2	ʔ̥	LATIN LETTER REVERSED GLOTTAL STOP WITH STROKE
		• voiced epiglottal fricative
02A3	ɖ	LATIN SMALL LETTER DZ DIGRAPH
		• voiced dental affricate
02A4	ɖ͡	LATIN SMALL LETTER DEZH DIGRAPH
		• voiced postalveolar affricate
02A5	ɖ͡ɰ	LATIN SMALL LETTER DZ DIGRAPH WITH CURL
		• voiced alveolo-palatal affricate
02A6	ɸ̥	LATIN SMALL LETTER TS DIGRAPH
		• voiceless dental affricate
02A7	ɸ̥͡	LATIN SMALL LETTER TESH DIGRAPH
		• voiceless postalveolar affricate
02A8	ɸ͡ɰ	LATIN SMALL LETTER TC DIGRAPH WITH CURL
		• voiceless alveolo-palatal affricate

IPA characters for disordered speech

02A9	ɸ̞	LATIN SMALL LETTER FENG DIGRAPH
		• velopharyngeal fricative
02AA	ɸ̞̥	LATIN SMALL LETTER LS DIGRAPH
		• lateral alveolar fricative (lisp)
02AB	ɸ̞̥͡	LATIN SMALL LETTER LZ DIGRAPH
		• voiced lateral alveolar fricative
02AC	ɸ̞̥͡ɰ	LATIN LETTER BILABIAL PERCUSSIVE
		• audible lip smack
02AD	ɸ̞̥͡ɰ͡	LATIN LETTER BIDENTAL PERCUSSIVE
		• audible teeth gnashing

Additions for Sinology

02AE	ɸ̞̥͡ɰ͡	LATIN SMALL LETTER TURNED H WITH FISHHOOK
02AF	ɸ̞̥͡ɰ͡	LATIN SMALL LETTER TURNED H WITH FISHHOOK AND TAIL