

Khmer

Range: 1780–17FF

The Unicode Standard, Version 15.1

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 15.1*

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-15.1/> for charts showing only the characters added in Unicode 15.1. See <https://www.unicode.org/Public/15.1.0/charts/> for a complete archived file of character code charts for Unicode 15.1. 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 15.1 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 15.1, online at <https://www.unicode.org/versions/Unicode15.1.0/>, 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 <https://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 <https://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 <https://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.

See <https://www.unicode.org/charts/About.html> for more information concerning the conventions and symbols used in these code charts.

Copyright © 1991–2023 Unicode, Inc. All rights reserved. See <https://www.unicode.org/copyright.html>

	178	179	17A	17B	17C	17D	17E	17F
0	ក 1780	ថ 1790	ហ 17A0	ញ 17B0	ៀ 17C0	្ក 17D0	័ 17E0	្ក 17F0
1	ខ 1781	ទ 1791	ឡ 17A1	ឌ 17B1	្ខ 17C1	្ខ 17D1	៑ 17E1	្ខ 17F1
2	គ 1782	ធ 1792	អ 17A2	ច 17B2	្គ 17C2	្គ 17D2	្ 17E2	្គ 17F2
3	ឃ 1783	ន 1793	អ 17A3	ឌ 17B3	្ឃ 17C3	្ឃ 17D3	៓ 17E3	្ឃ 17F3
4	ង 1784	ប 1794	អា 17A4	KIV AQ 17B4	្ង 17C4	្ង 17D4	។ 17E4	្ង 17F4
5	ច 1785	ផ 1795	ត 17A5	KIV AA 17B5	្ច 17C5	្ច 17D5	៕ 17E5	្ច 17F5
6	អ 1786	ព 1796	ឡ 17A6	ា 17B6	្ឆ 17C6	្ឆ 17D6	៖ 17E6	្ឆ 17F6
7	ជ 1787	ភ 1797	ឌ 17A7	ិ 17B7	្ជ 17C7	្ជ 17D7	ៗ 17E7	្ជ 17F7
8	ឈ 1788	ម 1798	ឌ 17A8	ី 17B8	្ឈ 17C8	្ឈ 17D8	៘ 17E8	្ឈ 17F8
9	ញ 1789	យ 1799	ឌ 17A9	្ក 17B9	្ក 17C9	្ក 17D9	៙ 17E9	្ក 17F9
A	ដ 178A	រ 179A	ឌ 17AA	្ខ 17BA	្ខ 17CA	្ខ 17DA		
B	ថ 178B	ល 179B	ប្រ 17AB	្គ 17BB	្គ 17CB	្គ 17DB		
C	ខ 178C	វ 179C	ប្រ 17AC	្ឃ 17BC	្ឃ 17CC	្ឃ 17DC		
D	ផ 178D	គ 179D	ព្រ 17AD	្ង 17BD	្ង 17CD	្ង 17DD		
E	ណ 178E	ថ 179E	ព្រ 17AE	្ច 17BE	្ច 17CE			
F	ត 178F	ស 179F	ង 17AF	្ឆ 17BF	្ឆ 17CF			

Consonants

- 1780 ក KHMER LETTER KA
- 1781 ខ KHMER LETTER KHA
- 1782 គ KHMER LETTER KO
- 1783 ឃ KHMER LETTER KHO
- 1784 ង KHMER LETTER NGO
- 1785 ច KHMER LETTER CA
- 1786 ឆ KHMER LETTER CHA
- 1787 ជ KHMER LETTER CO
- 1788 ឈ KHMER LETTER CHO
- 1789 ញ KHMER LETTER NYO
- 178A ដ KHMER LETTER DA
- 178B ប KHMER LETTER TTHA
- 178C ឌ KHMER LETTER DO
- 178D ឍ KHMER LETTER TTHO
- 178E ណ KHMER LETTER NNO
 - as this character belongs to the first register, its correct transliteration is nna, not nno
- 178F ត KHMER LETTER TA
- 1790 ថ KHMER LETTER THA
- 1791 ទ KHMER LETTER TO
- 1792 ធ KHMER LETTER THO
- 1793 ណ KHMER LETTER NO
- 1794 ប KHMER LETTER BA
- 1795 ផ KHMER LETTER PHA
- 1796 ព KHMER LETTER PO
- 1797 ភ KHMER LETTER PHO
- 1798 ម KHMER LETTER MO
- 1799 យ KHMER LETTER YO
- 179A រ KHMER LETTER RO
- 179B ល KHMER LETTER LO
- 179C វ KHMER LETTER VO
- 179D ឝ KHMER LETTER SHA
 - used only for Pali/Sanskrit transliteration
- 179E ឞ KHMER LETTER SSO
 - used only for Pali/Sanskrit transliteration
 - as this character belongs to the first register, its correct transliteration is ssa, not sso
- 179F ស KHMER LETTER SA
- 17A0 ហ KHMER LETTER HA
- 17A1 ឡ KHMER LETTER LA
- 17A2 អ KHMER LETTER QA
 - glottal stop

Deprecated independent vowels for transliteration

These cloned independent vowels were originally intended only for Pali/Sanskrit transliteration.

- 17A3 ឺ KHMER INDEPENDENT VOWEL QAQ
 - use of this character is strongly discouraged; 17A2 ឺ should be used instead
- 17A4 ឺ័ KHMER INDEPENDENT VOWEL QAA
 - use of this character is strongly discouraged; the sequence 17A2 ឺ 17B6 ័ should be used instead

Independent vowels

- 17A5 ឺ KHMER INDEPENDENT VOWEL QI
- 17A6 ឺ័ KHMER INDEPENDENT VOWEL QII
- 17A7 ឺ្ក KHMER INDEPENDENT VOWEL QU
- 17A8 ឺ្គ KHMER INDEPENDENT VOWEL QUK
 - obsolete ligature for the sequence 17A7 ឺ្ក 1780 ក
 - use of the sequence is now preferred

- 17A9 ឺ្ឃ KHMER INDEPENDENT VOWEL QUU
- 17AA ឺ្ង KHMER INDEPENDENT VOWEL QUUV
- 17AB ឺ្ច KHMER INDEPENDENT VOWEL RY
- 17AC ឺ្ឆ KHMER INDEPENDENT VOWEL RYY
- 17AD ឺ្ជ KHMER INDEPENDENT VOWEL LY
- 17AE ឺ្ឈ KHMER INDEPENDENT VOWEL LYY
- 17AF ឺ្ញ KHMER INDEPENDENT VOWEL QE
- 17B0 ឺ្ដ KHMER INDEPENDENT VOWEL QAI
- 17B1 ឺ្ឋ KHMER INDEPENDENT VOWEL QOO TYPE ONE
 - this is a variant for 17B1 ឺ្ឋ, used in only two words
 - 17B1 ឺ្ឋ is the normal variant of this vowel
- 17B2 ឺ្ឌ KHMER INDEPENDENT VOWEL QOO TYPE TWO
- 17B3 ឺ្ឍ KHMER INDEPENDENT VOWEL QAU

Inherent vowels

These are invisible combining marks for phonetic transcription to distinguish Indic language inherent vowels from Khmer inherent vowels. These characters are included solely for compatibility with particular applications; their use in other contexts is discouraged.

- 17B4 ័ KHMER VOWEL INHERENT AQ
- 17B5 ័ KHMER VOWEL INHERENT AA

Dependent vowel signs

- 17B6 ័ KHMER VOWEL SIGN AA
- 17B7 ័ KHMER VOWEL SIGN I
- 17B8 ័ KHMER VOWEL SIGN II
- 17B9 ័ KHMER VOWEL SIGN Y
- 17BA ័ KHMER VOWEL SIGN YY
- 17BB ័ KHMER VOWEL SIGN U
- 17BC ័ KHMER VOWEL SIGN UU
- 17BD ័ KHMER VOWEL SIGN UA

Two-part dependent vowel signs

These two-part dependent vowel signs have glyph pieces which stand on both sides of the consonant. These vowel signs follow the consonant in logical order, and should be handled as a unit for processing.

- 17BE ័ KHMER VOWEL SIGN OE
- 17BF ័ KHMER VOWEL SIGN YA
- 17C0 ័ KHMER VOWEL SIGN IE

Dependent vowel signs

- 17C1 ័ KHMER VOWEL SIGN E
- 17C2 ័ KHMER VOWEL SIGN AE
- 17C3 ័ KHMER VOWEL SIGN AI

Two-part dependent vowel signs

These two-part dependent vowel signs have glyph pieces which stand on both sides of the consonant. These vowel signs follow the consonant in logical order, and should be handled as a unit for processing.

- 17C4 ័ KHMER VOWEL SIGN OO
- 17C5 ័ KHMER VOWEL SIGN AU

Various signs

- 17C6 ័ KHMER SIGN NIKAHIT
 - = srak am
 - = anusvara
 - final nasalization
 - this character is usually regarded as a vowel sign am, along with om and aam
 - 0E4D ័ thai character nikhahit
 - 1036 ័ myanmar sign anusvara

- 17C7 ๐: KHMER SIGN REAHMUK
= srak ah
= visarga
→ 1038 ๐: myanmar sign visarga
- 17C8 ๐: KHMER SIGN YUUKALEPINTU
• inserts a short inherent vowel with abrupt glottal stop
• the preferred transliteration is yukaleapintu

Consonant shifters

These signs shift the base consonant between registers.

- 17C9 ๐ KHMER SIGN MUUSIKATOAN
• changes the second register to the first
• the preferred transliteration is muusekatoan
- 17CA ๐ KHMER SIGN TRIISAP
• changes the first register to the second
• the preferred transliteration is treisap

Various signs

- 17CB ๐ KHMER SIGN BANTOC
• shortens the vowel sound in the previous orthographic syllable
• the preferred transliteration is bantak
- 17CC ๐ KHMER SIGN ROBAT
• a diacritic historically corresponding to the repha form of ra in Devanagari
- 17CD ๐ KHMER SIGN TOANDAKHIAT
• indicates that the base character is not pronounced
→ 0E4C ๐ thai character thanthakhat
- 17CE ๐ KHMER SIGN KAKABAT
• sign used with some exclamations
- 17CF ๐ KHMER SIGN AHSDA
• denotes stressed intonation in some single-consonant words
- 17D0 ๐ KHMER SIGN SAMYOK SANNYA
• denotes deviation from the general rules of pronunciation, mostly used in loan words from Pali/Sanskrit, French, and so on
- 17D1 ๐ KHMER SIGN VIRIAM
• mostly obsolete, a “killer”
• indicates that the base character is the final consonant of a word without its inherent vowel sound
- 17D2 ๐ KHMER SIGN COENG
• functions to indicate that the following Khmer letter is to be rendered subscripted
• shape shown is arbitrary and is not visibly rendered

Lunar date sign

- 17D3 ๐ KHMER SIGN BATHAMASAT
• originally intended as part of lunar date symbols
• use of this character is discouraged in favor of the complete set of lunar date symbols
→ 19E0 ๐ khmer symbol pathamasat

Various signs

- 17D4 ๐ KHMER SIGN KHAN
• functions as a full stop, period
→ 0E2F ๐ thai character paiyannoi
→ 104A ๐ myanmar sign little section

- 17D5 ๐ KHMER SIGN BARIYOOSAN
• indicates the end of a section or a text
→ 0E5A ๐ thai character angkhankhu
→ 104B ๐ myanmar sign section
- 17D6 ๐ KHMER SIGN CAMNUC PII KUUH
• functions as colon
• the preferred transliteration is camnoc pii kuuh
→ 00F7 ๐ division sign
→ 0F14 ๐ tibetan mark gter tsheg
- 17D7 ๐ KHMER SIGN LEK TOO
• repetition sign
→ 0E46 ๐ thai character maiyamok
- 17D8 ๐ KHMER SIGN BEYYAL
• et cetera
• use of this character is discouraged; other abbreviations for et cetera also exist
• preferred spelling: 17D4 ๐ 179B ๐ 17D4 ๐
- 17D9 ๐ KHMER SIGN PHNAEK MUAN
• indicates the beginning of a book or a treatise
• the preferred transliteration is phnek moan
→ 0E4F ๐ thai character fongman
- 17DA ๐ KHMER SIGN KOOMUUT
• indicates the end of a book or treatise
• this forms a pair with 17D9 ๐
• the preferred transliteration is koomoot
→ 0E5B ๐ thai character khomut

Currency symbol

- 17DB ๐ KHMER CURRENCY SYMBOL RIEL

Various signs

- 17DC ๐ KHMER SIGN AVAKRAHASANYA
• rare, shows an omitted Sanskrit vowel, like an apostrophe
• the preferred transliteration is avakraha sannya
→ 093D ๐ devanagari sign avagraha
- 17DD ๐ KHMER SIGN ATTHACAN
• mostly obsolete
• indicates that the base character is the final consonant of a word with its inherent vowel sound
→ 17D1 ๐ khmer sign viriam

Digits

- 17E0 ๐ KHMER DIGIT ZERO
- 17E1 ๐ KHMER DIGIT ONE
- 17E2 ๐ KHMER DIGIT TWO
- 17E3 ๐ KHMER DIGIT THREE
- 17E4 ๐ KHMER DIGIT FOUR
- 17E5 ๐ KHMER DIGIT FIVE
- 17E6 ๐ KHMER DIGIT SIX
- 17E7 ๐ KHMER DIGIT SEVEN
- 17E8 ๐ KHMER DIGIT EIGHT
- 17E9 ๐ KHMER DIGIT NINE

Numeric symbols for divination lore

These characters have numeric values 0-9, respectively, but are not used for calculation.

- 17F0 ๐ KHMER SYMBOL LEK ATTAK SON
- 17F1 ๐ KHMER SYMBOL LEK ATTAK MUOY
- 17F2 ๐ KHMER SYMBOL LEK ATTAK PII
- 17F3 ๐ KHMER SYMBOL LEK ATTAK BEI
- 17F4 ๐ KHMER SYMBOL LEK ATTAK BUON
- 17F5 ๐ KHMER SYMBOL LEK ATTAK PRAM
- 17F6 ๐ KHMER SYMBOL LEK ATTAK PRAM-MUOY

17F7 ~ KHMER SYMBOL LEK ATTAK PRAM-PII
17F8 / KHMER SYMBOL LEK ATTAK PRAM-BEI
17F9 < KHMER SYMBOL LEK ATTAK PRAM-BUON