

## **Khmer**

### **Range: 1780–17FF**

This file contains an excerpt from the character code tables and list of character names for the Unicode Standard, last updated for  
*The Unicode Standard, Version 4.0.*

This file may be updated as necessary to reflect errata without notice. For an up-to-date list of errata, see <http://www.unicode.org/errata/>

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These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 4.0 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 excerpt file, please consult the appropriate sections of The Unicode Standard, Version 4.0 (ISBN 0-321-18578-1), as well as Unicode Standard Annexes #9, #11, #14, #15, #24 and #29, the other Unicode Technical Reports and the Unicode Character Database, which are available on-line.

See <http://www.unicode.org/Public/UNIDATA/UCD.html> 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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	178	179	17A	17B	17C	17D	17E	17F
0	ក 1780	ថ 1790	ហ 17A0	ព 17B0	រៀ 17C0	័ 17D0	័ 17E0	័ 17F0
1	ខ 1781	ទ 1791	ឡ 17A1	ឱ 17B1	េ 17C1	័ 17D1	័ 17E1	័ 17F1
2	គ 1782	ធ 1792	អ 17A2	ច 17B2	ៃ 17C2	័ 17D2	័ 17E2	័ 17F2
3	ឃ 1783	ន 1793	អ 17A3	ឌ 17B3	័ 17C3	័ 17D3	័ 17E3	័ 17F3
4	ង 1784	ប 1794	អា 17A4	KIV AQ 17B4	ោ 17C4	័ 17D4	័ 17E4	័ 17F4
5	ច 1785	ផ 1795	ត 17A5	KIV AA 17B5	ោ 17C5	័ 17D5	័ 17E5	័ 17F5
6	ឆ 1786	ព 1796	ឡ 17A6	ា 17B6	័ 17C6	័ 17D6	័ 17E6	័ 17F6
7	ជ 1787	ភ 1797	ខ 17A7	ិ 17B7	័ 17C7	័ 17D7	័ 17E7	័ 17F7
8	ឈ 1788	ម 1798	ឌ 17A8	័ 17B8	័ 17C8	័ 17D8	័ 17E8	័ 17F8
9	ញ 1789	យ 1799	ឌ 17A9	័ 17B9	័ 17C9	័ 17D9	័ 17E9	័ 17F9
A	ដ 178A	រ 179A	ឌ 17AA	័ 17BA	័ 17CA	័ 17DA		
B	ប័ 178B	ល 179B	ប្រ 17AB	័ 17BB	័ 17CB	័ 17DB		
C	ខ 178C	រ 179C	ប្រ 17AC	័ 17BC	័ 17CC	័ 17DC		
D	ឆ 178D	គ 179D	ព្រ 17AD	័ 17BD	័ 17CD	័ 17DD		
E	ណ 178E	ថ 179E	ព្រ 17AE	័ 17BE	័ 17CE			
F	ត 178F	ស 179F	ង 17AF	័ 17BF	័ 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	ត	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 no, not nno		
178F	ត	KHMER LETTER TA
1790	ថ	KHMER LETTER THA
1791	ទ	KHMER LETTER TO
1792	ធ	KHMER LETTER THO
1793	ន	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	ស	KHMER LETTER SHA
• used only for Pali/Sanskrit transliteration		
179E	ឝ	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		

**Independent vowel (deprecated)**

17A3	អ	KHMER INDEPENDENT VOWEL QAA
• originally intended only for Pali/Sanskrit transliteration		
• use of this character is strongly discouraged; 17A2 អ should be used instead		

**Independent vowels**

17A4	អ	KHMER INDEPENDENT VOWEL QAA
• used only for Pali/Sanskrit transliteration		
• use of this character is discouraged; the sequence 17A2 អ 17B6 ា should be used instead		
17A5	ឺ	KHMER INDEPENDENT VOWEL QI
17A6	ឺ	KHMER INDEPENDENT VOWEL QII
17A7	ឺ	KHMER INDEPENDENT VOWEL QU
17A8	ឺ	KHMER INDEPENDENT VOWEL QUK
• obsolete ligature for the sequence 17A7 ឺ 1780 ក		
• use of the sequence is now preferred		
17A9	ឺ	KHMER INDEPENDENT VOWEL QUU
17AA	ឺ	KHMER INDEPENDENT VOWEL QUUV
17AB	ឺ	KHMER INDEPENDENT VOWEL RY
17AC	ឺ	KHMER INDEPENDENT VOWEL RYY
17AD	ឺ	KHMER INDEPENDENT VOWEL LY
17AE	ឺ	KHMER INDEPENDENT VOWEL LYY
17AF	ឺ	KHMER INDEPENDENT VOWEL QE
17B0	ឺ	KHMER INDEPENDENT VOWEL QAI
17B1	ឺ	KHMER INDEPENDENT VOWEL QOO TYPE ONE
17B2	ឺ	KHMER INDEPENDENT VOWEL QOO TYPE TWO
• this is a variant for 17B1 ឺ, used in only two words		
• 17B1 ឺ is the normal variant of this vowel		
17B3	ឺ	KHMER INDEPENDENT VOWEL QAU

**Inherent vowels**

*These are 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 𑄢 KHMER VOWEL SIGN E  
 17C2 𑄣 KHMER VOWEL SIGN AE  
 17C3 𑄤 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 𑄥 KHMER VOWEL SIGN OO  
 17C5 𑄦 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 𑄨 KHMER SIGN REAHMUK  
 = srak ah  
 = visarga  
 → 1038 𑄨 myanmar sign visarga
- 17C8 𑄩 KHMER SIGN YUUKALEAPINTU  
 • inserts a short inherent vowel with abrupt glottal stop  
 • the preferred transliteration is yukaleakpintu

**Consonant shifters**

*These signs shift the base consonant between registers.*

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

**Various signs**

- 17CB 𑄬 KHMER SIGN BANTOC  
 • shortens the vowel sound in the previous orthographic syllable  
 • the preferred transliteration is bantak
- 17CC 𑄭 KHMER SIGN ROBAT  
 • a diacritic historically corresponding to the repha form of ra in Devanagari
- 17CD 𑄮 KHMER SIGN TOANDAKHIAT  
 • indicates that the base character is not pronounced
- 17CE 𑄯 KHMER SIGN KAKABAT  
 • sign used with some exclamations
- 17CF 𑄰 KHMER SIGN AHSDA  
 • denotes stressed intonation in some single-consonant words

- 17D0 𑄱 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 𑄲 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 𑄳 KHMER SIGN COENG  
 • functions to indicate that a following Khmer letter is to be rendered subscripted  
 • shape shown is arbitrary and is not visibly rendered

**Lunar date sign (deprecated)**

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

**Various signs**

- 17D4 𑄵 KHMER SIGN KHAN  
 • functions as a full stop, period  
 → 0E2F 𑄵 thai character paiyannoi  
 → 104A 𑄵 myanmar sign little section
- 17D5 𑄶 KHMER SIGN BARIYOOSAN  
 • indicates the end of a section or a text  
 → 0E5A 𑄶 thai character angkhankhu  
 → 104B 𑄶 myanmar sign section
- 17D6 𑄷 KHMER SIGN CAMNUC PII KUUH  
 • functions as colon  
 • the preferred transliteration is camnoc pii kuu  
 → 00F7 ÷ division sign  
 → 0F14 𑄷 tibetan mark gter tsheg
- 17D7 𑄸 KHMER SIGN LEK TOO  
 • repetition sign  
 → 0E46 𑄸 thai character maiyamok
- 17D8 𑄹 KHMER SIGN BEYYAL  
 • et cetera  
 • use of this character is discouraged; other abbreviations for et cetera also exist  
 • preferred spelling: 17D4 𑄵 179B 𑄹 17D4 𑄵
- 17D9 𑄺 KHMER SIGN PHNAEK MUAN  
 • indicates the beginning of a book or a treatise  
 • the preferred transliteration is phnek moan  
 → 0E4F 𑄺 thai character fongman
- 17DA 𑄻 KHMER SIGN KOOMUUT  
 • indicates the end of a book or treatise  
 • this forms a pair with 17D9 𑄺  
 • the preferred transliteration is koomoot  
 → 0E5B 𑄻 thai character khomut

**Currency symbol**

17DB ៛ KHMER CURRENCY SYMBOL RIEL

**Various signs**

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

**Digits**

- 17E0 ០ KHMER DIGIT ZERO
- 17E1 ១ KHMER DIGIT ONE
- 17E2 ២ KHMER DIGIT TWO
- 17E3 ៣ KHMER DIGIT THREE
- 17E4 ៤ KHMER DIGIT FOUR
- 17E5 ៥ KHMER DIGIT FIVE
- 17E6 ៦ KHMER DIGIT SIX
- 17E7 ៧ KHMER DIGIT SEVEN
- 17E8 ៨ KHMER DIGIT EIGHT
- 17E9 ៩ KHMER DIGIT NINE

**Numeric symbols for divination lore**

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

- 17F0 ០ KHMER SYMBOL LEK ATTAK SON
- 17F1 ១ KHMER SYMBOL LEK ATTAK MUOY
- 17F2 ២ KHMER SYMBOL LEK ATTAK PII
- 17F3 ៣ KHMER SYMBOL LEK ATTAK BEI
- 17F4 ៤ KHMER SYMBOL LEK ATTAK BUON
- 17F5 ៥ KHMER SYMBOL LEK ATTAK PRAM
- 17F6 ៦ KHMER SYMBOL LEK ATTAK PRAM-MUOY
- 17F7 ៧ KHMER SYMBOL LEK ATTAK PRAM-PII
- 17F8 ៨ KHMER SYMBOL LEK ATTAK PRAM-BEI
- 17F9 ៩ KHMER SYMBOL LEK ATTAK PRAM-BUON