

NON-STANDARD ROMANIZATION SYSTEM

Consonant: There are 33 consonants in Khmer language and each consonant has its own subscript that usually stays below it (e.g. ក្ក ខ្ក ត្ក ឃ្ឃ ង្ឃ). IPA in the following table represents either the consonant or its sub-script. In addition, Khmer consonants are divided into two series. The first series is voiceless and the second series is voiced (sometimes are called light voiced and heavy voiced).

First Series	Second Series	IPA
ក្ក	ក្ថ	K
ខ្ក	ឃ្ឃ	Kh
ច្ក	ជ្ឃ	Ch
ឆ្ក	ឈ្ឃ	Chh
ណ្ក	ន្ក	N
ដ្ក	ឌ្ក	D
ថ្ក	ធ្ក	Th
ត្ក	ទ្ក	T
ថ្ថ	ធ្ថ	Th
ផ្ក	ភ្ក	Ph
ឡ្ក	ល្ក	L
ង្ក	ង្ថ	Ng

ញ៉	ញ	Nh
ប៉	ព	P
ម៉	ម	M
យ៉	យ	Y
រ៉	រ	R
វ៉	វ	V/W
ស	ស៊	S
ហ	ហ៊	H
ប	ប៊	B
អ	អ៊	A





The following table shows the sub-scripts of the two consonant series. The sub-script stays in front of, below or after its consonant.

ក ក	ខ ខ	គ គ	ឃ ឃ	ង ង
ច ច	ដ ដ	ន ន	ឈ ឈ	តា តា
ដ ដ	ប ប	ឃ ឃ	ញ ញ	ណ ណ

ត ័	ថ ័	ទ ័	ដ ័	ឝ ័
ប្រ ័	ផ ័	ព ័	ក ័	ខ ័
យ្យ	ប្រ	ល្ល	រ្រ	
ស្រ្រ	ហ្រ	ឡ្រ	អ្រ	

Vowels: There are 24 vowels in Khmer language. It is important to note that the pronunciation of the vowel is determined by the series of the consonant that accompanies it. The below table shows two the IPA symbols of the two series.

Vowel Symbol	First Series	Second Series
□	a	oa
□័	aa	ea
□័	e	i
□័	ei/ey	i/ee/y
□័	i	u
□័	er	eu
□័	o	u

	au	ou
	au	ua
	aeu	eu
	oeur	oeur
	ie	ea
	e/ay	e/ay
	ae	e
	ai	ey
	o	oa
	ao	oaw
	om	Um
	am	Um
	a:m	oam
	ah	ea-ah
	oah	Uh
	eh	lh

ខ្មែរ	oh	Uah
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In addition to the regular vowels, there are eleven independent vowels that are collaboratively used in Khmer writing systems.

Independent Vowels	IPA
ឺ	e
ឺរ	ei
ុ	u
ូ	o
ោ	aow
រុក	ruk
រេ	reu
លុក	luk
លេ	leu
ឺ	ae
ឺរ	ai