

Praat Scripting Special symbols in Praat

You can use special symbols within the Picture window or the TextGrid editor. There are various kinds of symbols which can be displayed using *backslash sequences*, like **European** and **mathematical** symbols, **Greek** and **Hebrew** letters, as well as **phonetic** symbols.

Take a look at http://www.fon.hum.uva.nl/praat/manual/Special_symbols.html or Praat's manual for an overview.

Phonetic symbols

To draw phonetic symbols, make sure that you have installed the Charis SIL and/or Doulos SIL font, for instance from www.sil.org or from www.praat.org.

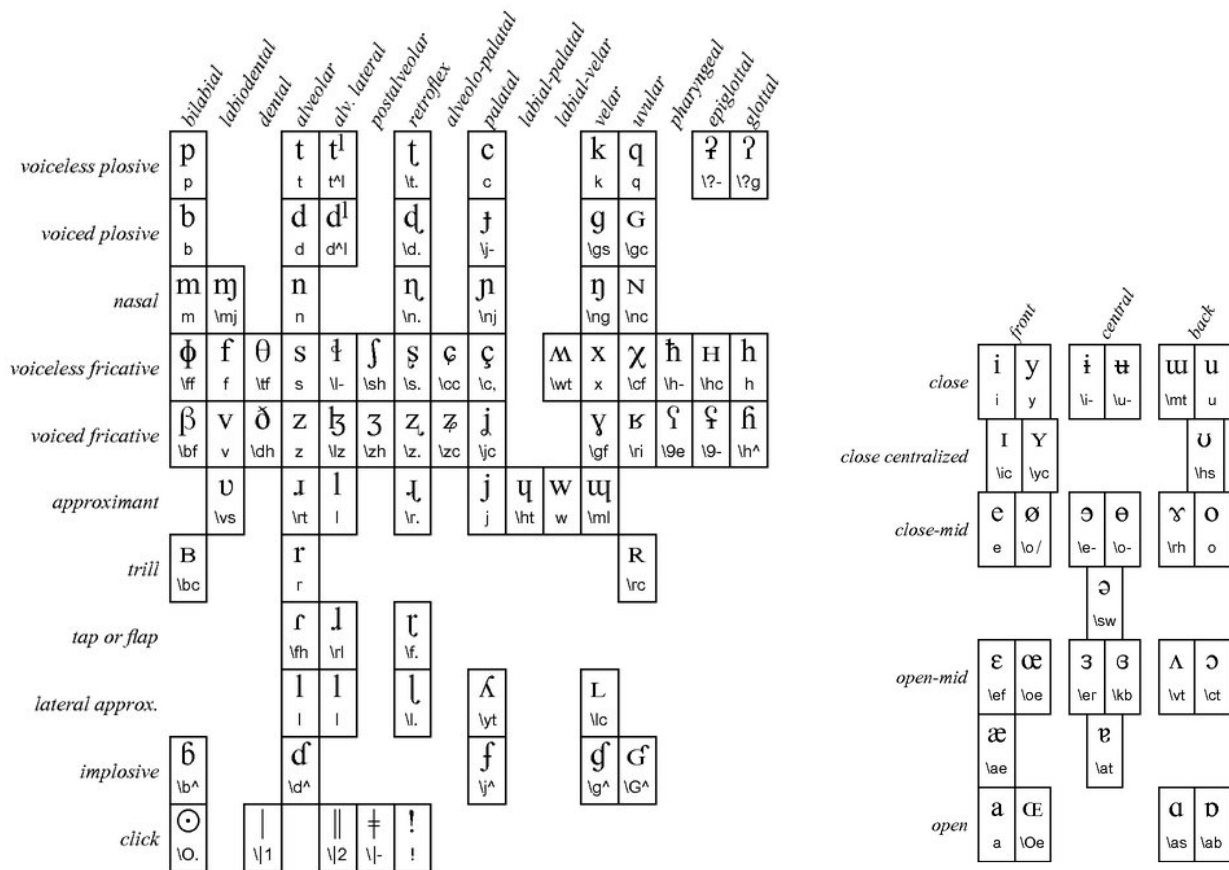


Figure 1: Phonetic symbols in Praat: Consonants (left) and vowels (right)

SAMPA (Speech Assessment Methods Phonetic Alphabet)

SAMPA is a machine-readable phonetic alphabet which is available for a number of different languages (see <<http://www.phon.ucl.ac.uk/home/sampa/>>).

IPA	SAMPA	Example	IPA	SAMPA	Example
p	p	O per	i:	i:	L i ed
b	b	O ber	ɪ	I	bit t e
t	t	T ier	e:	e:	B eet
d	d	d ir	ɛ:	E:	sp ä t
k	k	K arten	ɛ	E	B e tt
g	g	G arten	a:	a:	T at
ʔ	ʔ	ver_ e isen	a	a	S atz
pf	pf	P fahl	o:	o:	r o t
ts	ts	Z ahl	ɔ	O	O nkel
tʃ	tS	deu t sch	u:	u:	Bl u t
dʒ	dZ	D schungel	ʊ	U	But t er
f	f	f ast	y:	y:	sü ß
v	v	w as	ʏ	Y	hü ß sch
s	s	T a sse	ø:	2:	H ö hle
z	z	H a se	œ	9	H ö lle
ʃ	S	was ch en	âi	aI	E is
ʒ	Z	G enie	âü	aU	H aus
ç	C	s i cher	ôÿ	OY	K reuz
j	j	J ahr	ə	@	bit t e
x	x	B uch	ɐ	6	K inder
h	h	H and			
m	m	m ein			
n	n	n ein			
ŋ	N	D ing			
l	l	L ampe			
ʀ	R	R eh			

Table 1: SAMPA symbols for German

IPA	SAMPA	Example	IPA	SAMPA	Example
θ	T	th in	æ	{	pat
ð	D	th is	ɑ	A	pot
ɹ	r	r ight	ʌ	V	cut
w	w	w asp	ɔi	OI	n oise
			ʒ	3'	f urs
			ə	@'	c orner
			e / êi	e / eI	r aise
			o / ôü	o / oU	n ose

Table 2: Additional SAMPA symbols for American English