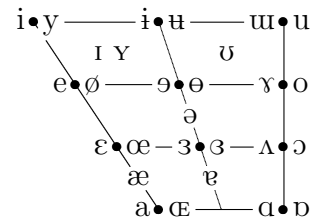


# IPA Vowel and Consonant Charts

Tim Mahrt

May 5, 2009

	Bilabial	Lab. dent.	Dental	Alveolar	P-alveo.	Retroflex	Palatal	Velar	Uvular	Pharyng.	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k g	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap/Flap				ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lat. Fric.				ɬ ɮ							
Approx		ʋ		ɹ		ɻ	j	ɰ			
Lat. appr.				ɻ		ɻ	ʎ	ʎ			



The vowel chart is borrowed from vowel.tex in the TIPA examples.