

Mandarin and English Consonants

	Bilabial	Labio-dental	Inter-dental	Alveolar	Retro-flex	Alveo-palatal	Palatal	Velar	Glottal
Nasals	(m)			(n)				(ŋ)	
Glides	w				ɻ		j	(w)	
Stops	(p) b pʰ			(t) d tʰ ɾ			(k) g kʰ		ʔ
Fricatives		(f) v	θ ð	(s) z	ʂ ʐ	ɕ	ʃ ʒ	x	h
Affricates				ts tsʰ	tʂ tʂʰ	tɕ tɕʰ	tʃ dʒ		
Liquids				l	ɭ		ɻ		

Circled Purple= Shared phonemes; Red=Mandarin; Blue=English

Chart prepared by Gorman, B. K., based on Cheng, 1991; Weinberger, 2015; Zhu Hua, 2007.