

**Front Vowels**
Minimal Pair Sets

Listen to the 21 sets of (mostly) minimal pairs of the front vowels of General American English. This sheet is meant as a reference to accompany the audio file. The purpose of the exercise is to improve discernment of front vowels: /i/ (Green Tea), /ɪ/ (Silver Pin), /eɪ/ (Gray Day), /ɛ/ (Red Dress), and /æ/ (Black Cat).

Color	Set 1	Set 2	Set 3	Set 4	Set 5	Set 6	Set 7	IPA
Green Tea	bean	beat	bead	Beale	feel	eel	seat	i
Silver Pin	bin	bit	bid	bill	fill	ill	sit	ɪ
Gray Day	bane	bait	bade	bail	fail	ale	sate	eɪ
Red Dress	Ben	bet	bed	bell	fell	L	set	ɛ
Black Cat	ban	bat	bad	*bal	fallow	Al	sat	æ

Color	Set 8	Set 9	Set 10	Set 11	Set 12	Set 13	Set 14	IPA
Green Tea	peat	read	Jean	seen	seek	meet	neat	i
Silver Pin	pit	rid	gin	sin	sick	mitt	nit	ɪ
Gray Day	*pate	raid	Jane	sane	sake	mate	Nate	eɪ
Red Dress	pet	red	Jen	send	sector	met	net	ɛ
Black Cat	pat	rad	Jan	sand	sack	mat	gnat	æ

Color	Set 15	Set 16	Set 17	Set 18	Set 19	Set 20	Set 21	IPA
Green Tea	feet	peek	beak	heat	lean	feel	heel	i
Silver Pin	fit	pick	Bic	hit	Lynn	fill	hill	ɪ
Gray Day	fate	*pake	bake	hate	lane	fail	hail	eɪ
Red Dress	fetid	peck	Beck	het	lend	fell	hell	ɛ
Black Cat	fat	pack	back	hat	land	fallacy	Hal	æ

*An asterisk indicates that what follows is not a recognized English word.