

Vowel chart

Class	A	Ī	I	U		
Long vowels with matres	$\overline{\text{א}}$ X \bar{a} (h) qāmes-hē	$\overline{\text{ע}}$ X \bar{e} (h) sērē-hē	$\overline{\text{י}}$ X \bar{e} sērē-yōd	$\overline{\text{י}}$ X \bar{o} (h) hōlem-hē (rare)	$\overline{\text{ו}}$ X \bar{o} hōlem-wōw	$\overline{\text{ו}}$ X \bar{u} šōreq
		$\overline{\text{ע}}$ X \bar{e} (h) səḡōl-hē	$\overline{\text{י}}$ X \bar{e} səḡōl-yōd			
Long	$\overline{\text{א}}$ X \bar{a} qāmes	$\overline{\text{ע}}$ X \bar{e} sērē		$\overline{\text{י}}$ X \bar{i} hīreq	$\overline{\text{ו}}$ X \bar{o} hōlem	$\overline{\text{ו}}$ X \bar{u} qibbūs
short	$\underline{\text{א}}$ X \bar{a} pātah	$\underline{\text{ע}}$ X \bar{e} səḡōl		$\underline{\text{י}}$ X \bar{i} hīreq	$\underline{\text{ו}}$ X \bar{a} qāmes hātūp	$\underline{\text{ו}}$ X \bar{u} qibbūs
	$\overline{\text{א}}$ X \bar{a} hātep-pātah	$\overline{\text{ע}}$ X \bar{e} hātep-səḡōl		$\overline{\text{ו}}$ X \bar{a} hātep-qāmes		
		$\underline{\text{א}}$ X \bar{a} šawā				

i/ī + u/ū; assume short, unless in an open syllable or stressed

X = cāreen when vocal; silent šawā has no sound

י + ׀ can be matres in the middle or at the end of a word, but ׀ only at the end.

$\overline{\text{א}}$ $\overline{\text{ע}}$ $\overline{\text{י}}$ $\overline{\text{ו}}$
 שׂוֹרֵק חוֹלֵם חִירֵק אֵרֵק
 $\underline{\text{א}}$ $\underline{\text{ע}}$ $\underline{\text{י}}$ $\underline{\text{ו}}$
 קִבּוּץ סְגוּל קִבּוּץ
 $\overline{\text{א}}$ $\overline{\text{ע}}$ $\overline{\text{י}}$ $\overline{\text{ו}}$
 שׂוֹרֵק