**http://www.speech.cs.cmu.edu/images/blue-ball.gifPhoneme Set**

The current phoneme set has 39 phonemes, not counting variations due to lexical stress. This phoneme (or more accurately, phone) set is based on the ARPAbet symbol set developed for speech recognition uses. You can find a [description of the ARPAbet on Wikipedia](http://en.wikipedia.org/wiki/Arpabet), as well information on how it relates to the standard IPA symbol set.

Phoneme Example Translation

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AA odd AA D

AE at AE T

AH hut HH AH T

AO ought AO T

AW cow K AW

AY hide HH AY D

B be B IY

CH cheese CH IY Z

D dee D IY

DH thee DH IY

EH Ed EH D

ER hurt HH ER T

EY ate EY T

F fee F IY

G green G R IY N

HH he HH IY

IH it IH T

IY eat IY T

JH gee JH IY

K key K IY

L lee L IY

M me M IY

N knee N IY

NG ping P IH NG

OW oat OW T

OY toy T OY

P pee P IY

R read R IY D

S sea S IY

SH she SH IY

T tea T IY

TH theta TH EY T AH

UH hood HH UH D

UW two T UW

V vee V IY

W we W IY

Y yield Y IY L D

Z zee Z IY

ZH seizure S IY ZH ER