Frequencies range from 100 Hz to 6000 Hz. There are currently 41 necessary characters.

Character Tone in Hz

a 100

b 150

c 200

d 250

e 300

f 350

g 400

h 450

i 500

j 550

k 600

l 650

m 700

n 750

o 800

p 850

q 900

r 950

s 1000

t 1050

u 1100

v 1150

w 1200

x 1250

y 1300

z 1350

A 1400

B 1450

C 1500

D 1550

E 1600

F 1650

G 1700

H 1750

I 1800

J 1850

K 1900

L 1950

M 2000

N 2050

O 2150

P 2200

Q 2250

R 2300

S 2350

T 2400

U 2450

V 2500

W 2550

X 2600

Y 2650

Z 2700

0 3000

1 3100

2 3200

3 3300

4 3400

5 3500

6 3600

7 3700

8 3800

9 3900

. 5000

? 5500

! 6000

word space

sentence space