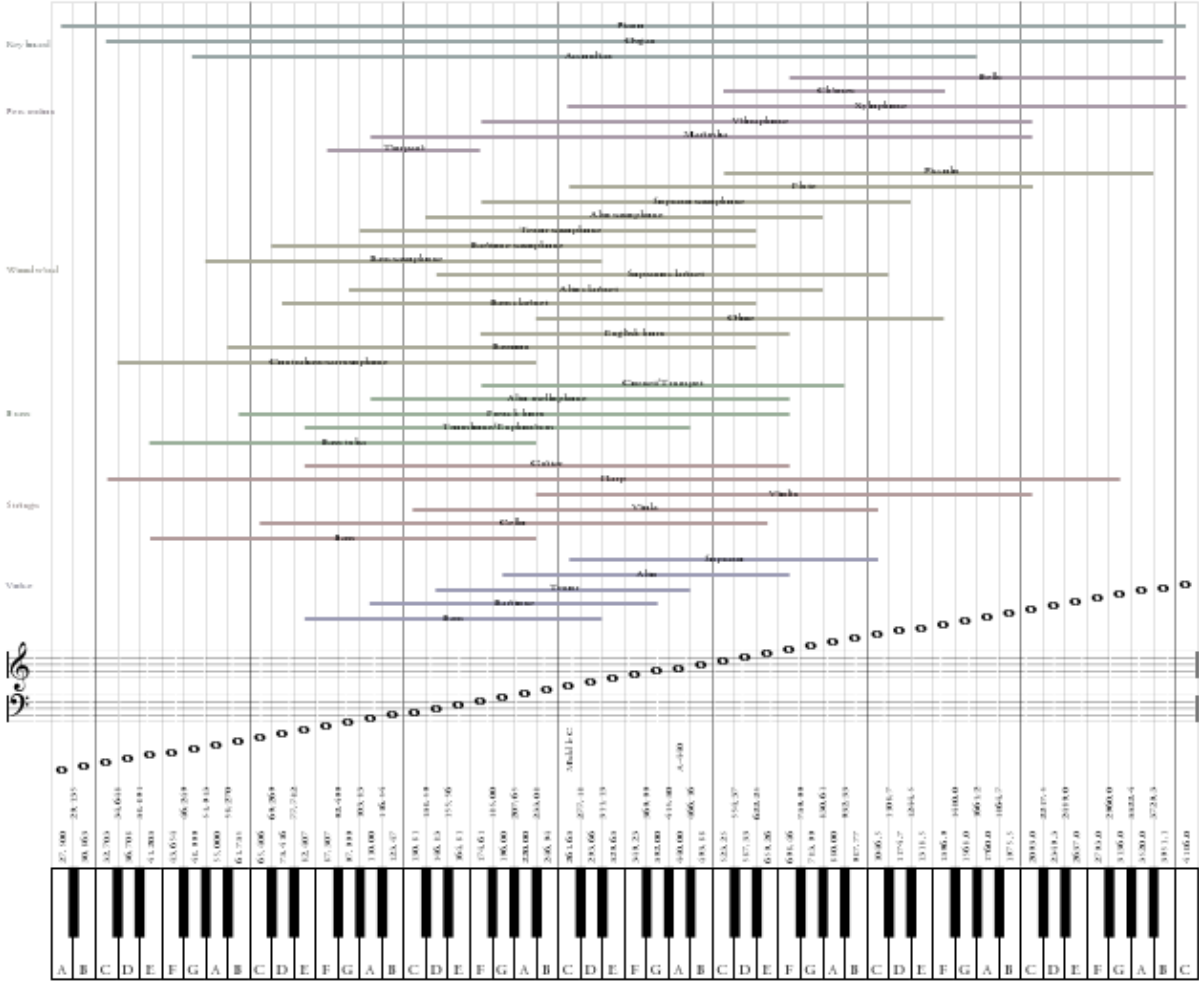


Musical Instrument Range Chart



Piano Keyboard

Accordian

Organ

Percussion

Woodwind

Brass

Strings

Voice

A B C D E F G A B C D E F G A B C D E F G A B C D E F G A B C D E F G A B C

Redrawn by John Schneider. See John R. Pierce, e Science of Musical Sound (New York, 1992), pp. 18-19; Donald E. Hall, Mucical Acoustics: An Introduction (Pacific Grove, California, 1991), inside back cover; and Edward R. Tufte, Visual Explanations (Cheshire, Connecticut, 2001), p. 87.

Bells Chimes

Xylophone Vibraphone Marimba Timpani

Piccolo Flute Soprano saxophone Alto saxophone Tenor saxophone Baritone saxophone Bass saxophone

Soprano clarinet Alto clarinet Bass clarinet

Oboe English horn Bassoon Contrabass sarrusophone

Cornet/Trumpet Alto mellophone French horn Trombone/Euphonium Bass tuba

Guitar

Harp

Violin Viola Cello Bass

♩ ♪ ♪ ♪ ♪ ♪ ♪ Soprano

♩ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪

♩ ♪ ♪ ♪ ♪ ♪ ♪

Alto Tenor

♩ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪

♩ ♪ ♪ ♪ ♪

♩ ♪ ♪ ♪ ♪ ♪ ♪ ♪ Baritone

♩ ♪ ♪ ♪ ♪ ♪

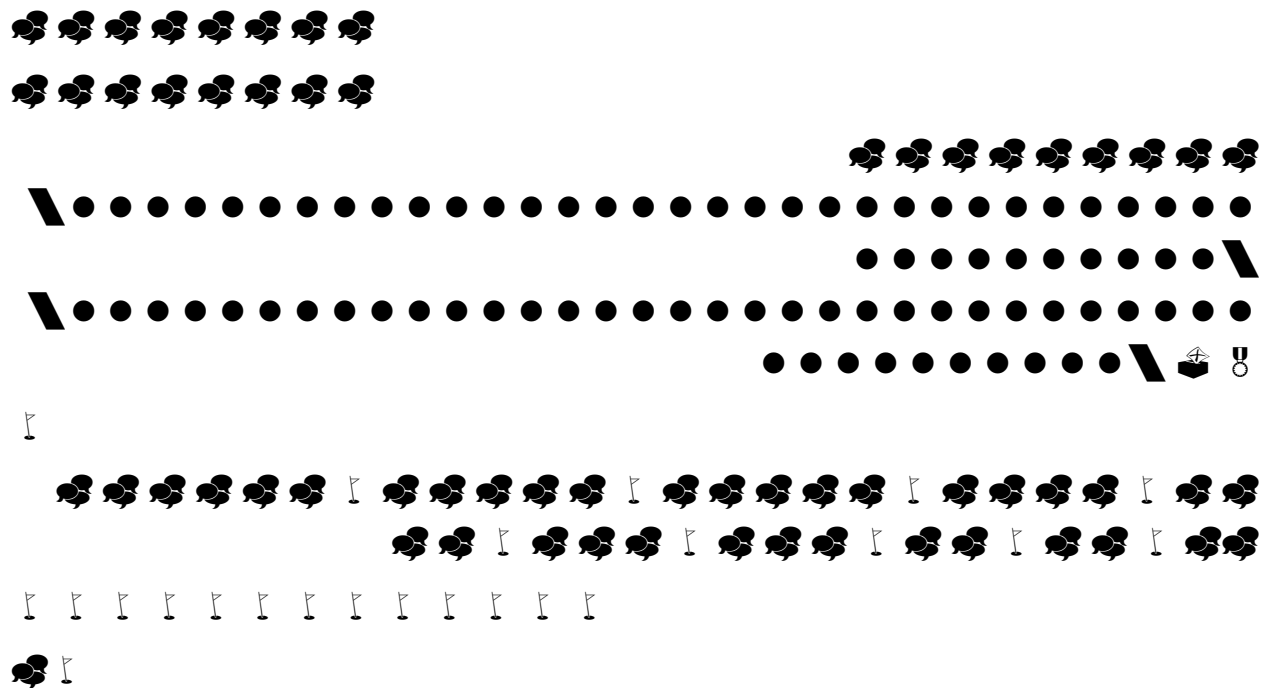
♩ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪

♩ ♪ ♪ ♪

♩ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪

♩ ♪ ♪

♩ ♪ ♪ ♪ ♪ ♪ ♪ ♪ ♪ Bass



CelddiM

044-A

531.9

846.43

198.83

942.64

4319.15

072.85

962.96

287.77

994.29

38.301

45.611

95.831

65.551

00.581

56.702

80.332

81.772

31.113

99.963

03.514

61.664  
73.455  
52.226  
99.937  
16.038  
33.239  
7.8011  
5.4421  
0.0841  
2.1661

7.46812

5.7122  
0.9842  
0.0692  
4.2233

3.9273005.7

368.03  
307.23  
807.63  
302.14  
456.34  
999.84  
000.55  
537.16  
604.56  
614.37  
704.28  
703.78  
999.79  
00.011  
74.321  
18.031  
38.641  
18.461  
16.471  
00.691  
00.022

49.642  
36.162  
66.392  
36.923  
32.943  
00.293  
00.044  
88.39  
52.325  
33.785  
62.956  
64.896  
99.387  
00.088  
77.789  
5.6401  
7.4711  
5.8131  
9.6931  
0.8651  
0.0671  
5.5791  
0.3902  
3.9432  
0.7362

0.39722

0.6313  
0.0253  
1.1593  
0.6814

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