

Frequencies of Musical Notes

Frequencies for an equal-tempered scale / ("Middle C" is C4) / (A4 = 440 Hz)

Note	Frequency (Hz)
C0	16.35
C#0/Db0	17.32
D0	18.35
D#0/Eb0	19.45
E0	20.6
F0	21.83
F#0/Gb0	23.12
G0	24.5
G#0/Ab0	25.96
A0	27.5
A#0/Bb0	29.14
B0	30.87
C1	32.7
C#1/Db1	34.65
D1	36.71
D#1/Eb1	38.89
E1	41.2
F1	43.65
F#1/Gb1	46.25
G1	49
G#1/Ab1	51.91
A1	55
A#1/Bb1	58.27
B1	61.74
C2	65.41
C#2/Db2	69.3
D2	73.42
D#2/Eb2	77.78
E2	82.41
F2	87.31
F#2/Gb2	92.5
G2	98
G#2/Ab2	103.83
A2	110
A#2/Bb2	116.54
B2	123.47

Note	Frequency (Hz)
C3	130.81
C#3/Db3	138.59
D3	146.83
D#3/Eb3	155.56
E3	164.81
F3	174.61
F#3/Gb3	185
G3	196
G#3/Ab3	207.65
A3	220
A#3/Bb3	233.08
B3	246.94
C4	261.63
C#4/Db4	277.18
D4	293.66
D#4/Eb4	311.13
E4	329.63
F4	349.23
F#4/Gb4	369.99
G4	392
G#4/Ab4	415.3
A4	440
A#4/Bb4	466.16
B4	493.88
C5	523.25
C#5/Db5	554.37
D5	587.33
D#5/Eb5	622.25
E5	659.26
F5	698.46
F#5/Gb5	739.99
G5	783.99
G#5/Ab5	830.61
A5	880
A#5/Bb5	932.33
B5	987.77

Note	Frequency (Hz)
C6	1046.5
C#6/Db6	1108.73
D6	1174.66
D#6/Eb6	1244.51
E6	1318.51
F6	1396.91
F#6/Gb6	1479.98
G6	1567.98
G#6/Ab6	1661.22
A6	1760
A#6/Bb6	1864.66
B6	1975.53
C7	2093
C#7/Db7	2217.46
D7	2349.32
D#7/Eb7	2489.02
E7	2637.02
F7	2793.83
F#7/Gb7	2959.96
G7	3135.96
G#7/Ab7	3322.44
A7	3520
A#7/Bb7	3729.31
B7	3951.07
C8	4186.01
C#8/Db8	4434.92
D8	4698.64
D#8/Eb8	4978.03