

Frequencies of Equal Temperament versus Just Intonation, based on A as 440Hz.

<u>Notes</u>	<u>Equal</u>	<u>Just A</u>	<u>A#/Bb</u>	<u>B</u>	<u>C</u>	<u>C#/Db</u>	<u>D</u>	<u>D#/Eb</u>	<u>E</u>	<u>F</u>	<u>F#/Gb</u>	<u>G</u>	<u>G#/Ab</u>
A0	27.5	27.5											
A#/Bb0	29.13524	29.33333	29.13524										
B0	30.86771	30.9375	31.07758	30.86771									
C1	32.7032	33	32.77714	32.92555	32.7032								
C#/Db1	34.64783	34.375	34.96228	34.72617	34.88341	34.64783							
D1	36.7081	36.66667	36.41904	37.04125	36.7911	36.95768	36.7081						
D#/Eb1	38.89087	39.28571	38.84698	38.58463	39.24383	38.97881	39.1553	38.89087					
E1	41.20344	41.25	41.62176	41.15694	40.87899	41.57739	41.29661	41.4836	41.20344				
F1	43.65353	44	43.70285	44.09672	43.60426	43.30979	44.04972	43.75223	43.95034	43.65353			
F#/Gb1	46.2493	45.83333	46.61638	46.30156	46.71885	46.19711	45.88512	46.66905	46.35388	46.56376	46.2493		
G1	48.99943	48.125	48.55873	49.38833	49.05479	49.4969	48.94413	48.61359	49.44413	49.11022	49.33259	48.99943	
G#/Ab1	51.91309	51.5625	50.98666	51.44618	52.32511	51.97174	52.44014	51.8545	51.50431	52.38423	52.03047	52.26606	51.91309
A1	55	55	54.62857	54.01849	54.50533	55.43653	55.06214	55.55839	54.93793	54.56691	55.49916	55.12436	55.37396
A#/Bb1	58.27047	58.66667	58.27047	57.87695	57.23059	57.74638	58.73295	58.33631	58.86206	58.20471	57.81163	58.79932	58.40222
B1	61.73541	61.875	62.15517	61.73541	61.31849	60.6337	61.18016	62.2254	61.80517	62.36218	61.66574	61.24929	62.2957
C2	65.40639	66	65.55428	65.85111	65.40639	64.96468	64.23917	64.81812	65.92551	65.48029	66.07043	65.33257	64.89136
C#/Db2	69.29566	68.75	69.92456	69.45234	69.76682	69.29566	68.82768	68.05903	68.67241	69.84565	69.37395	69.99918	69.21745
D2	73.41619	73.33333	72.83809	74.0825	73.58219	73.91537	73.41619	72.92039	72.10603	72.75588	73.99888	73.49914	74.16155
D#/Eb2	77.78175	78.57143	77.69396	77.16927	78.48767	77.95761	78.3106	77.78175	77.25646	76.39368	77.08217	78.39909	77.86963
E2	82.40689	82.5	83.24353	82.31388	81.75799	83.15479	82.59322	82.9672	82.40689	81.85037	80.93628	81.66572	83.06094
F2	87.30706	88	87.40571	88.19345	87.20852	86.61957	88.09943	87.50446	87.90068	87.30706	86.71744	85.749	86.52181
F#/Gb2	92.49861	91.66667	93.23275	92.60312	93.4377	92.39421	91.77024	93.3381	92.70775	93.12753	92.49861	91.87393	90.8479
G2	97.99886	96.25	97.11745	98.77666	98.10959	98.9938	97.88826	97.22718	98.88827	98.22044	98.66518	97.99886	97.33704
G#/Ab2	103.8262	103.125	101.9733	102.8924	104.6502	103.9435	104.8803	103.709	103.0086	104.7685	104.0609	104.5321	103.8262
A2	110	110	109.2571	108.037	109.0107	110.8731	110.1243	111.1168	109.8759	109.1338	110.9983	110.2487	110.7479
A#/Bb2	116.5409	117.3333	116.5409	115.7539	114.4612	115.4928	117.4659	116.6726	117.7241	116.4094	115.6233	117.5986	116.8044
B2	123.4708	123.75	124.3103	123.4708	122.637	121.2674	122.3603	124.4508	123.6103	124.7244	123.3315	122.4986	124.5914
C3	130.8128	132	131.1086	131.7022	130.8128	129.9294	128.4783	129.6362	131.851	130.9606	132.1409	130.6651	129.7827

C#/Db3	138.5913	137.5	139.8491	138.9047	139.5336	138.5913	137.6554	136.1181	137.3448	139.6913	138.7479	139.9984	138.4349
D3	146.8324	146.6667	145.6762	148.165	147.1644	147.8307	146.8324	145.8408	144.2121	145.5118	147.9978	146.9983	148.3231
D#/Eb3	155.5635	157.1429	155.3879	154.3385	156.9753	155.9152	156.6212	155.5635	154.5129	152.7874	154.1643	156.7982	155.7393
E3	164.8138	165	166.4871	164.6278	163.516	166.3096	165.1864	165.9344	164.8138	163.7007	161.8726	163.3314	166.1219
F3	174.6141	176	174.8114	176.3869	174.417	173.2391	176.1989	175.0089	175.8014	174.6141	173.4349	171.498	173.0436
F#/Gb3	184.9972	183.3333	186.4655	185.2062	186.8754	184.7884	183.5405	186.6762	185.4155	186.2551	184.9972	183.7479	181.6958
G3	195.9977	192.5	194.2349	197.5533	196.2192	197.9876	195.7765	194.4544	197.7765	196.4409	197.3304	195.9977	194.6741
G#/Ab3	207.6523	206.25	203.9466	205.7847	209.3005	207.887	209.7605	207.418	206.0172	209.5369	208.1219	209.0642	207.6523
A3	220	220	218.5143	216.0739	218.0213	221.7461	220.2486	222.2336	219.7517	218.2676	221.9967	220.4974	221.4958
A#/Bb3	233.0819	234.6667	233.0819	231.5078	228.9224	230.9855	234.9318	233.3452	235.4483	232.8188	231.2465	235.1973	233.6089
B3	246.9417	247.5	248.6207	246.9417	245.274	242.5348	244.7206	248.9016	247.2207	249.4487	246.6629	244.9971	249.1828
C4	261.6256	264	262.2171	263.4044	261.6256	259.8587	256.9567	259.2725	263.702	261.9212	264.2817	261.3303	259.5654
C#/Db4	277.1826	275	279.6983	277.8094	279.0673	277.1826	275.3107	272.2361	274.6896	279.3826	277.4958	279.9967	276.8698
D4	293.6648	293.3333	291.3524	296.33	294.3288	295.6615	293.6648	291.6815	288.4241	291.0235	295.9955	293.9966	296.6462
D#/Eb4	311.127	314.2857	310.7758	308.6771	313.9507	311.8305	313.2424	311.127	309.0258	305.5747	308.3287	313.5963	311.4785
E4	329.6276	330	332.9741	329.2555	327.032	332.6192	330.3729	331.8688	329.6276	327.4015	323.7451	326.6629	332.2438
F4	349.2282	352	349.6228	352.7738	348.8341	346.4783	352.3977	350.0179	351.6027	349.2282	346.8698	342.996	346.0872
F#/Gb4	369.9944	366.6667	372.931	370.4125	373.7508	369.5768	367.081	373.3524	370.831	372.5101	369.9944	367.4957	363.3916
G4	391.9954	385	388.4698	395.1066	392.4383	395.9752	391.553	388.9087	395.5531	392.8818	394.6607	391.9954	389.3482
G#/Ab4	415.3047	412.5	407.8933	411.5694	418.6009	415.7739	419.5211	414.836	412.0344	419.0739	416.2437	418.1285	415.3047
A4	440	440	437.0285	432.1479	436.0426	443.4922	440.4972	444.4671	439.5034	436.5353	443.9933	440.9949	442.9917
A#/Bb4	466.1638	469.3333	466.1638	463.0156	457.8447	461.9711	469.8636	466.6905	470.8965	465.6376	462.493	470.3945	467.2178
B4	493.8833	495	497.2413	493.8833	490.5479	485.0696	489.4413	497.8032	494.4413	498.8975	493.3259	489.9943	498.3656
C5	523.2511	528	524.4342	526.8089	523.2511	519.7174	513.9133	518.545	527.4041	523.8423	528.5635	522.6606	519.1309
C#/Db5	554.3653	550	559.3965	555.6187	558.1345	554.3653	550.6214	544.4722	549.3793	558.7652	554.9916	559.9935	553.7396
D5	587.3295	586.6667	582.7047	592.66	588.6575	591.3229	587.3295	583.3631	576.8482	582.0471	591.9911	587.9932	593.2924
D#/Eb5	622.254	628.5714	621.5517	617.3541	627.9014	623.6609	626.4848	622.254	618.0517	611.1494	616.6574	627.1927	622.957
E5	659.2551	660	665.9482	658.5111	654.0639	665.2383	660.7457	663.7376	659.2551	654.8029	647.4902	653.3257	664.4875
F5	698.4565	704	699.2456	705.5476	697.6682	692.9566	704.7954	700.0357	703.2055	698.4565	693.7395	685.992	692.1745
F#/Gb5	739.9888	733.3333	745.862	740.825	747.5016	739.1537	734.1619	746.7048	741.662	745.0202	739.9888	734.9914	726.7832
G5	783.9909	770	776.9396	790.2133	784.8767	791.9504	783.106	777.8175	791.1061	785.7635	789.3214	783.9909	778.6963

G#/Ab5	830.6094	825	815.7866	823.1388	837.2018	831.5479	839.0422	829.672	824.0689	838.1478	832.4875	836.2569	830.6094
A5	880	880	874.0571	864.2958	872.0852	886.9844	880.9943	888.9342	879.0068	873.0706	887.9866	881.9897	885.9834
A#/Bb5	932.3275	938.6667	932.3275	926.0312	915.6895	923.9421	939.7273	933.381	941.793	931.2753	924.9861	940.789	934.4356
B5	987.7666	990	994.4827	987.7666	981.0959	970.1392	978.8826	995.6063	988.8827	997.7949	986.6518	979.9886	996.7313
C6	1046.502	1056	1048.868	1053.618	1046.502	1039.435	1027.827	1037.09	1054.808	1047.685	1057.127	1045.321	1038.262
C#/Db6	1108.731	1100	1118.793	1111.237	1116.269	1108.731	1101.243	1088.944	1098.759	1117.53	1109.983	1119.987	1107.479
D6	1174.659	1173.333	1165.409	1185.32	1177.315	1182.646	1174.659	1166.726	1153.696	1164.094	1183.982	1175.986	1186.585
D#/Eb6	1244.508	1257.143	1243.103	1234.708	1255.803	1247.322	1252.97	1244.508	1236.103	1222.299	1233.315	1254.385	1245.914
E6	1318.51	1320	1331.896	1317.022	1308.128	1330.477	1321.491	1327.475	1318.51	1309.606	1294.98	1306.651	1328.975
F6	1396.913	1408	1398.491	1411.095	1395.336	1385.913	1409.591	1400.071	1406.411	1396.913	1387.479	1371.984	1384.349
F#/Gb6	1479.978	1466.667	1491.724	1481.65	1495.003	1478.307	1468.324	1493.41	1483.324	1490.04	1479.978	1469.983	1453.566
G6	1567.982	1540	1553.879	1580.427	1569.753	1583.901	1566.212	1555.635	1582.212	1571.527	1578.643	1567.982	1557.393
G#/Ab6	1661.219	1650	1631.573	1646.278	1674.404	1663.096	1678.084	1659.344	1648.138	1676.296	1664.975	1672.514	1661.219
A6	1760	1760	1748.114	1728.592	1744.17	1773.969	1761.989	1777.868	1758.014	1746.141	1775.973	1763.979	1771.967
A#/Bb6	1864.655	1877.333	1864.655	1852.062	1831.379	1847.884	1879.455	1866.762	1883.586	1862.551	1849.972	1881.578	1868.871
B6	1975.533	1980	1988.965	1975.533	1962.192	1940.278	1957.765	1991.213	1977.765	1995.59	1973.304	1959.977	1993.463
C7	2093.005	2112	2097.737	2107.235	2093.005	2078.87	2055.653	2074.18	2109.616	2095.369	2114.254	2090.642	2076.523
C#/Db7	2217.461	2200	2237.586	2222.475	2232.538	2217.461	2202.486	2177.889	2197.517	2235.061	2219.967	2239.974	2214.958
D7	2349.318	2346.667	2330.819	2370.64	2354.63	2365.292	2349.318	2333.452	2307.393	2328.188	2367.964	2351.973	2373.17
D#/Eb7	2489.016	2514.286	2486.207	2469.417	2511.605	2494.644	2505.939	2489.016	2472.207	2444.598	2466.629	2508.771	2491.828
E7	2637.02	2640	2663.793	2634.044	2616.256	2660.953	2642.983	2654.95	2637.02	2619.212	2589.961	2613.303	2657.95
F7	2793.826	2816	2796.983	2822.19	2790.673	2771.826	2819.182	2800.143	2812.822	2793.826	2774.958	2743.968	2768.698
F#/Gb7	2959.955	2933.333	2983.448	2963.3	2990.006	2956.615	2936.648	2986.819	2966.648	2980.081	2959.955	2939.966	2907.133
G7	3135.963	3080	3107.758	3160.853	3139.507	3167.801	3132.424	3111.27	3164.425	3143.054	3157.286	3135.963	3114.785
G#/Ab7	3322.438	3300	3263.146	3292.555	3348.807	3326.192	3356.169	3318.688	3296.276	3352.591	3329.95	3345.028	3322.438
A7	3520	3520	3496.228	3457.183	3488.341	3547.938	3523.977	3555.737	3516.027	3492.282	3551.946	3527.959	3543.933
A#/Bb7	3729.31	3754.667	3729.31	3704.125	3662.758	3695.768	3758.909	3733.524	3767.172	3725.101	3699.944	3763.156	3737.742
B7	3951.066	3960	3977.931	3951.066	3924.383	3880.557	3915.53	3982.425	3955.531	3991.18	3946.607	3919.954	3986.925
C8	4186.009	4224	4195.474	4214.471	4186.009	4157.739	4111.307	4148.36	4219.233	4190.739	4228.508	4181.285	4153.047