

Intervals on the Carrillo piano / 96-TET							
# of 1/16-tone steps	sounding interval	written interval	interval size in cents	interval name	closest just interval ratio	closest just interval in cents	deviation in cents from just interval
0	unison	unison	0.00	unison	1/1	0.00	0.00
1	1/16	m2	12.50	1/16 tone			
2	2/16	M2	25.00	1/8 tone			
3	3/16	m3	37.50	3/16 tone			
4	4/16	M3	50.00	1/4 tone			
5	5/16	p4	62.50	5/16 tone			
6	6/16	tritone	75.00	3/8 tone			
7	7/16	p5	87.50	7/16 tone			
8	m2	m6	100.00	1/2 tone			
9	m2 + 1/16	M6	112.50				
10	m2 + 2/16	m7	125.00	5/8 tone			
11	m2 + 3/16	M7	137.50				
12	m2 + 4/16	octave	150.00	3/4 tone (neutral 2nd)			
13	m2 + 5/16	octave + m2	162.50				
14	m2 + 6/16	octave + M2	175.00	7/8 tone			
15	m2 + 7/16	octave + m3	187.50				
16	M2	octave + M3	200.00	whole tone	9/8	203.91	-3.91
17	M2 + 1/16	octave + p4	212.50				
18	M2 + 2/16	octave + tritone	225.00	(septimal whole tone approx.)	8/7	231.17	-6.17
19	M2 + 3/16	octave + p5	237.50	(septimal whole tone approx.)	8/7	231.17	6.33
20	M2 + 4/16	octave + m6	250.00	5/4 tone			
21	M2 + 5/16	octave + M6	262.50				
22	M2 + 6/16	octave + m7	275.00				
23	M2 + 7/16	octave + M7	287.50				
24	m3	2 octaves	300.00	ET minor 3rd			
25	m3 + 1/16	2 octaves + m2	312.50	just minor 3rd	6/5	315.64	-3.14
26	m3 + 2/16	2 octaves + M2	325.00				
27	m3 + 3/16	2 octaves + m3	337.50				
28	m3 + 4/16	2 octaves + M3	350.00	neutral 3rd			
29	m3 + 5/16	2 octaves + p4	362.50				
30	m3 + 6/16	2 octaves + tritone	375.00				
31	m3 + 7/16	2 octaves + p5	387.50	just major 3rd	5/4	386.31	1.19
32	M3	2 octaves + m6	400.00	ET major 3rd			
33	M3 + 1/16	2 octaves + M6	412.50				
34	M3 + 2/16	2 octaves + m7	425.00				
35	M3 + 3/16	2 octaves + M7	437.50				
36	M3 + 4/16	3 octaves	450.00				
37	M3 + 5/16	3 octaves + m2	462.50				
38	M3 + 6/16	3 octaves + M2	475.00				
39	M3 + 7/16	3 octaves + m3	487.50				
40	p4	3 octaves + M3	500.00	perfect 4th	4/3	498.05	1.95
41	p4 + 1/16	3 octaves + p4	512.50				
42	p4 + 2/16	3 octaves + tritone	525.00				
43	p4 + 3/16	3 octaves + p5	537.50				

44	p4 + 4/16	3 octaves + m6	550.00	11th harmonic	11/8	551.32	-1.32
45	p4 + 5/16	3 octaves + M6	562.50				
46	p4 + 6/16	3 octaves + m7	575.00				
47	p4 + 7/16	3 octaves + M7	587.50				
48	tritone	4 octaves	600.00	tritone (half-octave)			
49	tritone + 1/16	4 octaves + m2	612.50				
50	tritone + 2/16	4 octaves + M2	625.00				
51	tritone + 3/16	4 octaves + m3	637.50				
52	tritone + 4/16	4 octaves + M3	650.00				
53	tritone + 5/16	4 octaves + p4	662.50				
54	tritone + 6/16	4 octaves + tritone	675.00				
55	tritone + 7/16	4 octaves + p5	687.50				
56	p5	4 octaves + m6	700.00	perfect 5th	3/2	701.96	-1.96
57	p5 + 1/16	4 octaves + M6	712.50				
58	p5 + 2/16	4 octaves + m7	725.00				
59	p5 + 3/16	4 octaves + M7	737.50				
60	p5 + 4/16	5 octaves	750.00				
61	p5 + 5/16	5 octaves + m2	762.50				
62	p5 + 6/16	5 octaves + M2	775.00				
63	p5 + 7/16	5 octaves + m3	787.50				
64	m6	5 octaves + M3	800.00	ET minor 6th			
65	m6 + 1/16	5 octaves + p4	812.50	just minor 6th	8/5	813.69	-1.19
66	m6 + 2/16	5 octaves + tritone	825.00				
67	m6 + 3/16	5 octaves + p5	837.50	13th harmonic	13/8	840.53	-3.03
68	m6 + 4/16	5 octaves + m6	850.00	neutral 6th			
69	m6 + 5/16	5 octaves + M6	862.50				
70	m6 + 6/16	5 octaves + m7	875.00				
71	m6 + 7/16	5 octaves + M7	887.50	just major 6th	5/3	884.36	3.14
72	M6	6 octaves	900.00	ET major 6th			
73	M6 + 1/16	6 octaves + m2	912.50				
74	M6 + 2/16	6 octaves + M2	925.00				
75	M6 + 3/16	6 octaves + m3	937.50				
76	M6 + 4/16	6 octaves + M3	950.00				
77	M6 + 5/16	6 octaves + p4	962.50	(harmonic 7th approximation)	7/4	968.83	-6.33
78	M6 + 6/16	6 octaves + tritone	975.00	(harmonic 7th approximation)	7/4	968.83	6.17
79	M6 + 7/16	6 octaves + p5	987.50				
80	m7	6 octaves + m6	1000.00	ET minor 7th			
81	m7 + 1/16	6 octaves + M6	1012.50				
82	m7 + 2/16	6 octaves + m7	1025.00				
83	m7 + 3/16	6 octaves + M7	1037.50				
84	m7 + 4/16	7 octaves	1050.00	neutral 7th			
85	m7 + 5/16	7 octaves + m2	1062.50				
86	m7 + 6/16	7 octaves + M2	1075.00				
87	m7 + 7/16	7 octaves + m3	1087.50	just major 7th (15th harmonic)	15/8	1088.27	-0.77
88	M7	7 octaves + M3	1100.00	ET major 7th			
89	M7 + 1/16	7 octaves + p4	1112.50				
90	M7 + 2/16	7 octaves + tritone	1125.00				
91	M7 + 3/16	7 octaves + p5	1137.50				
92	M7 + 4/16	7 octaves + m6	1150.00				
93	M7 + 5/16	7 octaves + M6	1162.50				
94	M7 + 6/16	7 octaves + m7	1175.00				
95	M7 + 7/16	7 octaves + M7	1187.50				
96	octave	8 octaves	1200.00	octave	2/1	1200.00	0.00