

BPM <--> Millisecond forumula 1000 / (BPM / 60) = 1/4 note

BPM	1	1/2	1/4	1/8	1/16	1/32	1/64
50	4800.00	2400.00	1200.00	600.00	300.00	150.00	75.00
51	4705.88	2352.94	1176.47	588.24	294.12	147.06	73.53
52	4615.38	2307.69	1153.85	576.92	288.46	144.23	72.12
53	4528.30	2264.15	1132.08	566.04	283.02	141.51	70.75
54	4444.44	2222.22	1111.11	555.56	277.78	138.89	69.44
55	4363.64	2181.82	1090.91	545.45	272.73	136.36	68.18
56	4285.71	2142.86	1071.43	535.71	267.86	133.93	66.96
57	4210.53	2105.26	1052.63	526.32	263.16	131.58	65.79
58	4137.93	2068.97	1034.48	517.24	258.62	129.31	64.66
59	4067.80	2033.90	1016.95	508.47	254.24	127.12	63.56
60	4000.00	2000.00	1000.00	500.00	250.00	125.00	62.50
61	3934.43	1967.21	983.61	491.80	245.90	122.95	61.48
62	3870.97	1935.48	967.74	483.87	241.94	120.97	60.48
63	3809.52	1904.76	952.38	476.19	238.10	119.05	59.52
64	3750.00	1875.00	937.50	468.75	234.38	117.19	58.59
65	3692.31	1846.15	923.08	461.54	230.77	115.38	57.69
66	3636.36	1818.18	909.09	454.55	227.27	113.64	56.82
67	3582.09	1791.04	895.52	447.76	223.88	111.94	55.97
68	3529.41	1764.71	882.35	441.18	220.59	110.29	55.15
69	3478.26	1739.13	869.57	434.78	217.39	108.70	54.35
BPM	1	1/2	1/4	1/8	1/16	1/32	1/64
70	3428.57	1714.29	857.14	428.57	214.29	107.14	53.57
71	3380.28	1690.14	845.07	422.54	211.27	105.63	52.82
72	3333.33	1666.67	833.33	416.67	208.33	104.17	52.08
73	3287.67	1643.84	821.92	410.96	205.48	102.74	51.37
74	3243.24	1621.62	810.81	405.41	202.70	101.35	50.68
75	3200.00	1600.00	800.00	400.00	200.00	100.00	50.00
76	3157.89	1578.95	789.47	394.74	197.37	98.68	49.34
77	3116.88	1558.44	779.22	389.61	194.81	97.40	48.70
78	3076.92	1538.46	769.23	384.62	192.31	96.15	48.08
79	3037.97	1518.99	759.49	379.75	189.87	94.94	47.47
80	3000.00	1500.00	750.00	375.00	187.50	93.75	46.88
81	2962.96	1481.48	740.74	370.37	185.19	92.59	46.30
82	2926.83	1463.41	731.71	365.85	182.93	91.46	45.73
83	2891.57	1445.78	722.89	361.45	180.72	90.36	45.18
84	2857.14	1428.57	714.29	357.14	178.57	89.29	44.64
85	2823.53	1411.76	705.88	352.94	176.47	88.24	44.12
86	2790.70	1395.35	697.67	348.84	174.42	87.21	43.60
87	2758.62	1379.31	689.66	344.83	172.41	86.21	43.10
88	2727.27	1363.64	681.82	340.91	170.45	85.23	42.61
89	2696.63	1348.31	674.16	337.08	168.54	84.27	42.13
BPM	1	1/2	1/4	1/8	1/16	1/32	1/64
90	2666.67	1333.33	666.67	333.33	166.67	83.33	41.67
91	2637.36	1318.68	659.34	329.67	164.84	82.42	41.21
92	2608.70	1304.35	652.17	326.09	163.04	81.52	40.76
93	2580.65	1290.32	645.16	322.58	161.29	80.65	40.32
94	2553.19	1276.60	638.30	319.15	159.57	79.79	39.89
95	2526.32	1263.16	631.58	315.79	157.89	78.95	39.47
96	2500.00	1250.00	625.00	312.50	156.25	78.13	39.06
97	2474.23	1237.11	618.56	309.28	154.64	77.32	38.66
98	2448.98	1224.49	612.24	306.12	153.06	76.53	38.27
99	2424.24	1212.12	606.06	303.03	151.52	75.76	37.88
100	2400.00	1200.00	600.00	300.00	150.00	75.00	37.50
101	2376.24	1188.12	594.06	297.03	148.51	74.26	37.13
102	2352.94	1176.47	588.24	294.12	147.06	73.53	36.76
103	2330.10	1165.05	582.52	291.26	145.63	72.82	36.41
104	2307.69	1153.85	576.92	288.46	144.23	72.12	36.06
105	2285.71	1142.86	571.43	285.71	142.86	71.43	35.71

BPM	1	1/2	1/4	1/8	1/16	1/32	1/64
106	2264.15	1132.08	566.04	283.02	141.51	70.75	35.38
107	2242.99	1121.50	560.75	280.37	140.19	70.09	35.05
108	2222.22	1111.11	555.56	277.78	138.89	69.44	34.72
109	2201.83	1100.92	550.46	275.23	137.61	68.81	34.40
110	2181.82	1090.91	545.45	272.73	136.36	68.18	34.09
111	2162.16	1081.08	540.54	270.27	135.14	67.57	33.78
112	2142.86	1071.43	535.71	267.86	133.93	66.96	33.48
113	2123.89	1061.95	530.97	265.49	132.74	66.37	33.19
114	2105.26	1052.63	526.32	263.16	131.58	65.79	32.89
115	2086.96	1043.48	521.74	260.87	130.43	65.22	32.61
116	2068.97	1034.48	517.24	258.62	129.31	64.66	32.33
117	2051.28	1025.64	512.82	256.41	128.21	64.10	32.05
118	2033.90	1016.95	508.47	254.24	127.12	63.56	31.78
119	2016.81	1008.40	504.20	252.10	126.05	63.03	31.51
BPM	1	1/2	1/4	1/8	1/16	1/32	1/64
120	2000.00	1000.00	500.00	250.00	125.00	62.50	31.25
121	1983.47	991.74	495.87	247.93	123.97	61.98	30.99
122	1967.21	983.61	491.80	245.90	122.95	61.48	30.74
123	1951.22	975.61	487.80	243.90	121.95	60.98	30.49
124	1935.48	967.74	483.87	241.94	120.97	60.48	30.24
125	1920.00	960.00	480.00	240.00	120.00	60.00	30.00
126	1904.76	952.38	476.19	238.10	119.05	59.52	29.76
127	1889.76	944.88	472.44	236.22	118.11	59.06	29.53
128	1875.00	937.50	468.75	234.38	117.19	58.59	29.30
129	1860.47	930.23	465.12	232.56	116.28	58.14	29.07
130	1846.15	923.08	461.54	230.77	115.38	57.69	28.85
131	1832.06	916.03	458.02	229.01	114.50	57.25	28.63
132	1818.18	909.09	454.55	227.27	113.64	56.82	28.41
133	1804.51	902.26	451.13	225.56	112.78	56.39	28.20
134	1791.04	895.52	447.76	223.88	111.94	55.97	27.99
135	1777.78	888.89	444.44	222.22	111.11	55.56	27.78
136	1764.71	882.35	441.18	220.59	110.29	55.15	27.57
137	1751.82	875.91	437.96	218.98	109.49	54.74	27.37
138	1739.13	869.57	434.78	217.39	108.70	54.35	27.17
139	1726.62	863.31	431.65	215.83	107.91	53.96	26.98
BPM	1	1/2	1/4	1/8	1/16	1/32	1/64
140	1714.29	857.14	428.57	214.29	107.14	53.57	26.79
141	1702.13	851.06	425.53	212.77	106.38	53.19	26.60
142	1690.14	845.07	422.54	211.27	105.63	52.82	26.41
143	1678.32	839.16	419.58	209.79	104.90	52.45	26.22
144	1666.67	833.33	416.67	208.33	104.17	52.08	26.04
145	1655.17	827.59	413.79	206.90	103.45	51.72	25.86
146	1643.84	821.92	410.96	205.48	102.74	51.37	25.68
147	1632.65	816.33	408.16	204.08	102.04	51.02	25.51
148	1621.62	810.81	405.41	202.70	101.35	50.68	25.34
149	1610.74	805.37	402.68	201.34	100.67	50.34	25.17
150	1600.00	800.00	400.00	200.00	100.00	50.00	25.00
151	1589.40	794.70	397.35	198.68	99.34	49.67	24.83
152	1578.95	789.47	394.74	197.37	98.68	49.34	24.67
153	1568.63	784.31	392.16	196.08	98.04	49.02	24.51
154	1558.44	779.22	389.61	194.81	97.40	48.70	24.35
155	1548.39	774.19	387.10	193.55	96.77	48.39	24.19
156	1538.46	769.23	384.62	192.31	96.15	48.08	24.04
157	1528.66	764.33	382.17	191.08	95.54	47.77	23.89
158	1518.99	759.49	379.75	189.87	94.94	47.47	23.73
159	1509.43	754.72	377.36	188.68	94.34	47.17	23.58
160	1500.00	750.00	375.00	187.50	93.75	46.88	23.44
161	1490.68	745.34	372.67	186.34	93.17	46.58	23.29
162	1481.48	740.74	370.37	185.19	92.59	46.30	23.15
163	1472.39	736.20	368.10	184.05	92.02	46.01	23.01

BPM	1	1/2	1/4	1/8	1/16	1/32	1/64
164	1463.41	731.71	365.85	182.93	91.46	45.73	22.87
165	1454.55	727.27	363.64	181.82	90.91	45.45	22.73
166	1445.78	722.89	361.45	180.72	90.36	45.18	22.59
167	1437.13	718.56	359.28	179.64	89.82	44.91	22.46
168	1428.57	714.29	357.14	178.57	89.29	44.64	22.32
169	1420.12	710.06	355.03	177.51	88.76	44.38	22.19
170	1411.76	705.88	352.94	176.47	88.24	44.12	22.06
171	1403.51	701.75	350.88	175.44	87.72	43.86	21.93
172	1395.35	697.67	348.84	174.42	87.21	43.60	21.80
173	1387.28	693.64	346.82	173.41	86.71	43.35	21.68
174	1379.31	689.66	344.83	172.41	86.21	43.10	21.55
175	1371.43	685.71	342.86	171.43	85.71	42.86	21.43
176	1363.64	681.82	340.91	170.45	85.23	42.61	21.31
177	1355.93	677.97	338.98	169.49	84.75	42.37	21.19
178	1348.31	674.16	337.08	168.54	84.27	42.13	21.07
179	1340.78	670.39	335.20	167.60	83.80	41.90	20.95
BPM	1	1/2	1/4	1/8	1/16	1/32	1/64
180	1333.33	666.67	333.33	166.67	83.33	41.67	20.83
181	1325.97	662.98	331.49	165.75	82.87	41.44	20.72
182	1318.68	659.34	329.67	164.84	82.42	41.21	20.60
183	1311.48	655.74	327.87	163.93	81.97	40.98	20.49
184	1304.35	652.17	326.09	163.04	81.52	40.76	20.38
185	1297.30	648.65	324.32	162.16	81.08	40.54	20.27
186	1290.32	645.16	322.58	161.29	80.65	40.32	20.16
187	1283.42	641.71	320.86	160.43	80.21	40.11	20.05
188	1276.60	638.30	319.15	159.57	79.79	39.89	19.95
189	1269.84	634.92	317.46	158.73	79.37	39.68	19.84
190	1263.16	631.58	315.79	157.89	78.95	39.47	19.74
191	1256.54	628.27	314.14	157.07	78.53	39.27	19.63
192	1250.00	625.00	312.50	156.25	78.13	39.06	19.53
193	1243.52	621.76	310.88	155.44	77.72	38.86	19.43
194	1237.11	618.56	309.28	154.64	77.32	38.66	19.33
195	1230.77	615.38	307.69	153.85	76.92	38.46	19.23
196	1224.49	612.24	306.12	153.06	76.53	38.27	19.13
197	1218.27	609.14	304.57	152.28	76.14	38.07	19.04
198	1212.12	606.06	303.03	151.52	75.76	37.88	18.94
199	1206.03	603.02	301.51	150.75	75.38	37.69	18.84
200	1200.00	600.00	300.00	150.00	75.00	37.50	18.75