

	C (1/1)	D (9/8)	E (5/4)	F (4/3)	G (3/2)	A (5/3)	B (15/8)	C (2/1)
C		9/8	5/4	4/3	3/2	5/3	15/8	2/1
D			10/9	32/27	4/3	40/27	35/18	16/9
E				16/15	6/5	4/3	3/2	8/5
F					9/8	5/4	45/32	3/2
G						10/9	5/4	4/3
A							9/8	6/5
B								16/15

½ Matrix of Diatonic Just Intonation Scale

Every scale can be represented as a matrix of relationships between each degree of the scale and all others. This half-matrix shows those relationships in the historic Just Diatonic scale described above. Intervals are given as ratios between each interval and all others. 5ths are in bold. The “wolf” 5th is the interval 40/27 between the 2nd and 6th scale degree — the only “impure” P5th in the scale. Note that all M3rds (C-E, F-A, G-B) are “pure” intervals of 5/4.