

Table of Inversions

Interval (# half steps)	Inverts to (# half steps)
m2 (1)	M7 (11)
M2 (2)	m7 (10)
m3 (3)	M6 (9)
M3 (4)	m6 (8)
P4 (5)	P5 (7)
A4 (6)	d5 (6)

In general:

Number of half steps in the interval and its inversion always sums to 12

2nd ↔ 7th

3rd ↔ 6th

4th ↔ 5th

P ↔ P

M ↔ m

A ↔ d

DA ↔ dd

These general principles allow you to determine the inversions of intervals not found in the major scale. For example, the diminished third inverts to the augmented sixth, and the doubly-augmented fourth inverts to the doubly-diminished fifth.