

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
 ♭ ♭ ♭ ♯ ♭ ♯ ♯ ♯ ♯ ♯ ♯ ♯ ♯ ♯ ♯

ratios $\frac{81}{80}$ $\frac{25}{24}$ ("Zarlino semitone") $\frac{81}{80}$ $\frac{81}{80}$ $\frac{25}{24}$ ("Zarlino semitone") $\frac{81}{80}$

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┌────────── 135/128 = 92.18¢ ─────────┐ ┌────────── 135/128 = 92.18¢ ─────────┐
 ┌────────── 135/128 = 92.18¢ ─────────┐ ┌────────── 135/128 = 92.18¢ ─────────┐
 ┌────────── 2187/2048 = 113.69¢ ─────────┐ ┌────────── 2187/2048 = 113.69¢ ─────────┐

2x the Pythagorean *apotome*