

Carlson Keyboard Tuning IIb

A 7-limit tuning, constructed with only intervals that are tunable by ear, which contains a version of each pitch class that is less than one cent away from Equal Temperament. Those pitches can be used to fully tune a second keyboard instrument extremely close to Equal Temperament.

The derivation of each pitch class:

- A4 (5/4) C#5 (5/4) F5 (5/4) A5 (5/4) C6 (5/8) E5 (5/3) C#6 (5/6) **A#5**
- A4 (7/4) G5 (7/16) E4 (7/4) D5 (7/8) C5 (7/16) A3 (7/4) G4 (5/4) **B4**
- A4 (4/5) F4 (4/5) C#4 (2/5) A2 (8/5) F#3 (8/5) D4 (2/3) G3 (7/24) A1 (7/3) **C3**
- A4 (7/4) G5 (3/5) A#4 (3/10) **C#3**
- A4 (5/4) C#5 (5/4) F5 (5/4) A5 (5/4) C6 (5/8) E5 (7/4) **D6**
- A4 (7/4) G5 (7/16) E4 (7/4) D5 (7/8) C5 (7/16) A3 (7/16) G2 (7/10) C#2 (3/2) G#2 (3/2) **D#3**
- A4 (4/5) F4 (4/5) C#4 (2/5) A2 (8/5) F#3 (8/5) D4 (7/24) E2 (7/10) A#1 (14/5) **E3**
- A4 (7/12) C4 (7/12) D3 (7/6) **F3**
- A4 (5/4) C#5 (5/4) F5 (5/2) A6 (7/8) F#6 (7/4) E7 (3/4) B6 (3/8) **F#5**
- A4 (5/4) C#5 (5/2) F6 (5/4) A6 (7/8) F#6 (7/4) E7 (7/8) D7 (7/12) E6 (7/6) **G6**
- A4 (4/5) F4 (4/5) C#4 (2/5) A2 (8/5) F#3 (8/5) D4 (3/10) F2 (12/5) **G#3**

