

Overtone Chart for Euphonium T.C. (4-valve, Non-Compensating)

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Instructions at left refer to intonation tendencies.
Sounding pitch is a major ninth lower than written.

The chart displays 13 rows of musical notation, each representing a partial. The notes are written on a treble clef staff. The notes are as follows:

- 12th Partial - Lower Slightly: G4, A4, B4, C5, D5, E5, F5, G5, A5, B5, C6
- 11th Partial - Unusable - Flat: A4, B4, C5, D5, E5, F5, G5, A5, B5, C6, D6
- 10th Partial - Raise Slightly: B4, C5, D5, E5, F5, G5, A5, B5, C6, D6, E6
- 9th Partial - Lower Slightly: C5, D5, E5, F5, G5, A5, B5, C6, D6, E6, F6
- 8th Partial - Normal: D5, E5, F5, G5, A5, B5, C6, D6, E6, F6, G6
- 7th Partial - Unusable - Flat: E5, F5, G5, A5, B5, C6, D6, E6, F6, G6, A6
- 6th Partial - Lower Slightly: F5, G5, A5, B5, C6, D6, E6, F6, G6, A6, B6
- 5th Partial - Raise Slightly: G5, A5, B5, C6, D6, E6, F6, G6, A6, B6, C7
- 4th Partial - Normal: A5, B5, C6, D6, E6, F6, G6, A6, B6, C7, D7
- 3rd Partial - Lower Slightly: B5, C6, D6, E6, F6, G6, A6, B6, C7, D7, E7
- 2nd Partial - Normal: C6, D6, E6, F6, G6, A6, B6, C7, D7, E7, F7
- Fundamental - Normal: D6, E6, F6, G6, A6, B6, C7, D7, E7, F7, G7

Fingering instructions are provided below the notes:

- 0
- 2
- 1
- 1-2
- 2-3
- 4 or 1-3
- 2-4 or 1-2-3
- 1-2-4
- 2-3-4
- 1-3-4
- 1-2-3-4