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# Musical notes & frequencies

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| Note | MIDI number | Frequency | Sonic Pi name |
| (middle) C | 60 | 261.63 Hz | :C4 |
| C♯ / D♭ | 61 | 277.18 Hz | :Db4 |
| D | 62 | 293.18 Hz | :D4 |
| E♭ / F♯ | 63 | 311.13 Hz | :Eb4 |
| E | 64 | 329.63 Hz | :E4 |
| F | 65 | 349.23 Hz | :F4 |
| F♯ / G♭ | 66 | 369.99 Hz | :Fb4 |
| G | 67 | 392.00 Hz | :G4 |
| A♭ / G♯ | 68 | 415.30 Hz | :Ab4 |
| A | 69 | 440.00 Hz | :A4 |
| B♭ / A♯ | 70 | 466.16 Hz | :Bb4 |
| B | 71 | 493.88 Hz | :B4 |

In Sonic Pi, play :C4, play 60 and play hz\_to\_midi(261.63) all produce the same note.

The next octave up is a doubling of these frequencies. So :C5, note 72, is 2×261.63 = 523.26 Hz.