

CHAPTER OVERVIEW

17: Physics of Hearing

- [17.0: Prelude to the Physics of Hearing](#)
- [17.1: Sound](#)
- [17.2: Speed of Sound, Frequency, and Wavelength](#)
- [17.3: Sound Intensity and Sound Level](#)
- [17.4: Doppler Effect and Sonic Booms](#)
- [17.5: Sound Interference and Resonance- Standing Waves in Air Columns](#)
- [17.6: Hearing](#)
- [17.7: Ultrasound](#)
- [17.E: Physics of Hearing \(Exercises\)](#)

Thumbnail: The outer ear receives sound, transmitted through the ossicles of the middle ear to the inner ear, where it is converted to a nervous signal in the cochlear and transmitted along the vestibulocochlear nerve. (CC-BY-3.0). Blausen.com staff. "[Blausen gallery 2014](#)". Wikiversity Journal of Medicine. DOI:10.15347/wjm/2014.010. ISSN 20018762.

This page titled [17: Physics of Hearing](#) is shared under a [CC BY 4.0](#) license and was authored, remixed, and/or curated by [OpenStax](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.