



**Chandra X-ray
Observatory Center**

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Sonification project: Translations of astronomical data into sounds.
(Credit: NASA/CXC/SAO/K. Arcand, M. Russo & A. Santaguida)

Caption: By turning Chandra, Hubble, and Spitzer images into sounds, a new project allows users to 'listen' to the center of the Milky Way and other objects. As the bar moves from left to right over the multiwavelength image, the sounds correspond to the position and brightness of the sources. Users can listen to the X-ray, optical, and infrared image layers separately or simultaneously. The project also translated images from Cassiopeia A and the "Pillars of Creation" in M16 into sound, creating novel ways to explore these well-known objects through sound.

Chandra X-ray Observatory ACIS Image

CXC operated for NASA by the Smithsonian Astrophysical Observatory