



**Chandra X-ray  
Observatory Center**

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**SNR 0509-67.5:** A supernova remnant in the Large Magellanic Cloud, which lies about 160,000 light years from Earth.

(Credit: X-ray: NASA/CXC/SAO/J.Hughes et al, Optical: NASA/ESA/Hubble Heritage Team (STScI/AURA))

**Caption:** This composite image contains X-ray data from Chandra (green and blue) that show heated material in the center of a shell generated by a supernova explosion. Optical data from Hubble show the glowing pink rim, which is ambient gas being shocked by the blast wave from the supernova, as well as the surrounding star field. The Type Ia supernova that resulted in the creation of this remnant would have been visible from Earth some 400 years ago.

**Scale:** Image is 1.2 arcmin across (58 light years across).

*Chandra X-ray Observatory ACIS Image*

*CXC operated for NASA by the Smithsonian Astrophysical Observatory*

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