



**Chandra X-ray
Observatory Center**

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Centaurus A: An active galaxy about 12 million light years from Earth. (Credit: X-ray: NASA/CXC/U.Birmingham/M.Burke et al.)

Caption: Centaurus A is a galaxy well known for a gargantuan jet blasting away from a central supermassive black hole, which is seen in this new Chandra image. This image - where red, medium, and blue show low, medium, and high-energy X-rays respectively - has been processed with new techniques and contains data from observations equivalent to over nine and a half days worth of observing time taken between 1999 and 2012. The data housed in Chandra's extensive archive on Centaurus A provide a rich resource for a wide range of scientific investigations, including a recent study that examines the population and characteristics of black holes and neutron stars throughout the galaxy.

Scale: Image is 16.7 arcmin (about 58,000 light years)

Chandra X-ray Observatory ACIS Image

CXC operated for NASA by the Smithsonian Astrophysical Observatory
