



**Chandra X-Ray
Observatory Center**

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Cassiopeia A: A supernova remnant in the constellation Cassiopeia.
Credit: NASA/CXC/SAO/Rutgers/J.Hughes

The red, green and blue regions in this Chandra X-ray image of the supernova remnant Cassiopeia A show where the intensity of low, medium, and high energy X rays, respectively, is greatest. The red material on the left outer edge is enriched in iron, whereas the bright greenish white region on the lower left is enriched in silicon and sulfur. In the blue region on the right edge, low and medium energy X rays have been filtered out by a cloud of dust and gas in the remnant.

Scale: Image is 8.5 arcmin on a side.

Chandra X-ray Observatory ACIS Image

CXC operated for NASA by the Smithsonian Astrophysical Observatory