



**Chandra X-ray  
Observatory Center**

Harvard-Smithsonian Center for Astrophysics  
60 Garden St. Cambridge, MA 02138 USA  
<http://chandra.harvard.edu>

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**Chandra Meets Webb:** A galaxy cluster, a galaxy group, a star-forming nebula, and a galaxy.  
(Credit: X-ray: NASA/CXC; IR: NASA/ESA/STScI)

**Caption:** These four objects were among the first publicly released images from the James Webb Space Telescope. Chandra had already observed these sources and these composite images show how these two space-based telescopes complement each other. These images span a range of different types of objects, including a cluster of galaxies (SMACS J0723), a galaxy group (Stefan's Quintet), a star-forming nebula (Carina), and a galaxy (Cartwheel). In each image, the X-rays from Chandra show higher-energy processes than the infrared view from Webb.

*Chandra X-ray Observatory ACIS Image*

*CXC operated for NASA by the Smithsonian Astrophysical Observatory*

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