To learn more about galaxy clusters, astronomers have used some of the world’s most powerful telescopes looking at different types of light. They have focused long observations with these telescopes on a half dozen galaxy clusters in the “Frontier Fields” project. This cluster, called MACSJ0717.5+3745, is part of it. In this image, X-rays from NASA’s Chandra X-ray Observatory (blue) have been combined with data from NASA’s Hubble Space Telescope (red, green, and blue) and the NSF’s Jansky Very Large Array (pink).

X-ray: NASA/CXC/SAO/van Weeren et al.; Optical: NASA/STScI; Radio: NRAO/AUI/NSF

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