

82B0C1 B5BF A3CBAE C0A9 BF A9C8 86B0 AE C0 AA 95 CD 95 BE B2 0A 95 C1 A4 BF AF C8 AE C1 95 BF B4 C8 AE C0 A9 C8 (protostar)
8E A9 85 B4 C8 95 CD 95 BF B1 C8 AE CD. 87 95 CD 95 BE B2 95 9F CD 9F A4 CD A4 BF B2 CD B5 BF A3 CD AE C0 A9 C8 92 B0 C1 B5 BE AF C1
AE B1 C8 B1 C1 AE CD A4 C2 9A C1 A4 C8 A4 BF B0 B3 C8 8E A9 B2 BE AE CD. 88 B0 C8 0A C0 AA C1 95 BF 9A C8 0F 0F A9 C8 95 9E B0 A9 BE B2 95
87 85 C8 AE C6 B2 C8 B2 AE C6 B2 C8 B2 8E A9 C8 B1 C1 A4 BF B0 B3 C1 AE CD. 87 95 CD 95 BE B2 A4 CD A4 BF B2 CD 87 85 B1 C8 B1 BF B2 CD
85 A3 C1 95 CD 95 B0 C1 87 A3 C8 B5 C1 (85 BF A3 CD AE C0 A9 BF A9 C8 9A 95 CD A4 BF AE C1 A4 B2 CD) 87 9F AE CD AA C6 B1 BE A4 C1.

B5 BE AF C1 A4 CD A4 BF B0 B3 CD 92 A9 CD B1 C8 9F C1 92 A9 CD B1 C1 A8 C6 B0 C1 99 CD 95 BF B5 B0 AE C6 A4 C1 B5 BE 95 87 85 C8
9A C1 B4 B2 86 B0 AE CD AA BF 95 CD 95 C1 AE CD. 87 85 CD B5 C7 B3 C8 AF BF B2 CD AE C1 95 BF B4 C8 AE C0 A9 C8 9A C8 9A C1 B1 C8 B1 BF
A4 9F CD 9F C8 AF BE A9 A4 95 9F C1 AA C8 A9 C8 B1 8E A9 C8 AA CD AA C1 89 B0 C1 B5 BE 95 C1 AE CD. 87 88 CD A4
A4 95 9F C1 AA C8 A9 C8 B1 AA BF B0 A4 C7 9A A4 C8 A4 BF B2 CD 87 B0 C1 95 C8 95 C1 AE CD B5 BE AF C1 95 BF 95 B3 C1 AE CD
A4 C2 9A C1 95 B3 C1 AE CD 8E BF A3 CD AE C0 A9 BF B1 C8 95 C1 89 A3 B5 BE 95 C1 AE CD 95 CA 9E CD 9A AE CD 95 0A 9E CD 9A AE BE 95
9A C7 B0 C1 95 CD 95 C1 AE CD AE C1 95 BF B4 C8 AE C0 A9 C8 92 B0 C1 95 9F CD 9F A4 CD A4 BF B2 CD AA C8 A4 C1 AE BE A9 B3 B5 C1
85 B3 B0 CD A8 CD A4 C1 B5 C6 AA CD AA A4 CD A4 BF B0 B3 BE 95 AE BE B1 CD B1 AE 9F C8 AF C1 AE CD.

87 A4 A9 CD 8A BF A3 C8 B0 C8 8E A8 C0 A4 84 95 9F C1 9F 8E B2 C8 8E 8E C8 9A BF AF 8E BE AF C1 95 CD 95 B3 C1 AE CD
A4 C2 9A C1 95 B3 C1 AE CD B5 BF A3 CD AE C0 A9 C8 9A CD 9A C1 B1 C8 B1 BF B5 B3 C8 AF AE CD AA C8 A9 C8 B1 85 AE C8 AA CD AA BF B2 CD
89 B0 C1 B5 BE 95 C1 AE CD. AE C1 95 BF B4 C8 85 C8 B3 A4 C8 A4 95 9F C1 (protoplanetary disk) 8E A9
85 B4 C8 95 CD 95 AA CD AA 9F C1 AE CD 87 88 CD A4 AA CD AA CD 95 C1 A4 BF AF BF B2 CD A4 BF A9 CD 95 C8 B3 CD 95 B3 CD
89 B0 C1 B5 BE 95 C1 AE CD.

87 88 CD A4 AA BF B0 A4 C7 9A AE CD B5 C6 B1 C1 AE CD 92 B0 C1 B5 BF A3 CD AE C0 A9 C8 9A CD 9A C1 B1 C8 B1 BF AE B1 CD B1 C1 AE CD
89 B0 C1 B5 BE B5 A4 BF B2 C8 B2 C8. 87 B0 A3 C8 9F C1 B5 BF A3 CD AE C0 A9 C8 95 B3 C8 8E A9 B1 95 CD 95 C1 AE CD 9A C8 A4 C1 8E B5 C8
92 A9 CD B1 C8 92 A9 CD B1 C1 9A C1 B1 C8 B1 BF B5 B0 C1 AE CD 87 A4 A9 C8 87 B0 9F CD 9F C8 B5 BF A3 CD AE C0 A9 C8 A4 CA 95 C1 A4 BF
8E A9 8E B4 C8 95 C8 95 BF B1 C8 AE CD. AE CA A4 CD A4 95 C8 B3 C8 95 B3 9F B2 C8 AA BE A4 BF 95 CD 95 C1 AE CD AE C7 B1 C8 AA 9F CD 9F
95 C8 B3 CD 95 B3 CD 87 B0 9F CD 9F C8 B5 BF A3 CD AE C0 A9 C8 8E A9 C8 95 C1 A4 BF 95 B3 BF B2 CD A4 BE A9 CD
87 B0 C1 95 CD 95 BF A9 C8 B1 A9 8E A9 CD B1 C1 B5 BF A3 CD A3 BF AF B2 BE B3 B0 CD 95 B3 CD 95 B0 C1 A4 C1 95 BF A9 C8 B1 A9 B0 CD.

B5 BF A3 CD A3 BF AF B2 BE B3 B0 CD 95 B3 CD 87 B0 9F CD 9F C8 B5 BF A3 CD AE C0 A9 C8 A4 CA 95 C1 A4 BF 95 B3 C8
9A C1 B1 C8 B1 BF AF C1 B3 CD B3 AE C1 95 BF B4 C8 95 C8 B3 A4 C8 A4 95 9F C1 95 B3 C8 AA B1 CD B1 BF 8E AF CD B5 C1 95 B3 C8
9A C6 AF CD 95 BF A9 C8 B1 A9 B0 CD. 87 B5 B0 CD 95 B3 C8 8E 9A CD 9A B0 BF AF AA C8 AA 9F C1 A4 CD A4 C1 AE CD 92 B0 C1 B5 BF 9F C8 AF AE CD
8E A9 C8 A9 B5 C6 A9 C8 B1 BE B2 CD 87 88 CD A4 A4 95 9F C1 95 B3 BF A9 C8 B5 9F BF B5 BF AF B2 CD 95 9F CD 9F AE C8 AA C8 AA C1 95 B3 C8
85 B5 CD B5 B3 C1 8E B3 BF AE C8 AF BE A9 B5 C8 85 B2 CD B2. AE C7 B2 C1 AE CD 87 88 CD A4 A4 CD A4 95 9F C1 95 B3 C8 87 B0 A3 CD 9F C1
8E BF A3 CD AE C0 A9 C8 95 B3 BF A9 C8 9A C1 B1 C8 B1 C1 AA C8 AA BE A4 C8 AF C1 9F A9 C1 AE CD
AA CA B0 C1 A8 CD A4 C1 B5 A4 BE 95 B5 C1 AE CD 87 B2 CD B2 C8. 85 A4 BF B2 C1 AE CD 95 C1 B1 BF AA CD AA BE 95 87 B0 A3 CD 9F C1
B5 BF A3 CD AE C0 A9 C8 95 B3 C1 AE CD 8E A9 C8 B1 C8 AF C8 A9 C8 B1 C1 9A C1 B1 C8 B1 BF B5 B0 A8 C0 A3 CD 9F 95 BE B2 AE CD
8E 9F C1 95 CD 95 C1 AE CD AA 9F CD 9A A4 CD A4 BF B2 CD 87 88 CD A4 A4 95 9F C1 95 B3 BF B2 CD 85 AE C8 AA CD AA C1 AE BF 95 AE BF 95
8A BF 95 CD 95 B2 BE A9 A4 BE 95 95 BE A3 AA CD AA 9F C1 95 BF B1 A4 C1.

8E A9 B5 C7 B5 BF A3 CD A3 BF AF B2 BE B3 B0 CD 95 B3 CD B5 BF A3 CD AE C0 A9 C8 95 B3 C1 9F A9 C8 AA CA B0 C1 A8 CD A4 BF B5 B0 BE A4
86 A9 BE B2 CD 85 BF B1 CD B1 C8 8A C1 B1 C8 B1 BF B5 B0 C1 AE CD 95 B3 C8 95 B3 C8 95 C8 95 C1 9F
8E A9 BE B0 CD 95 BE B2 A4 CD A4 BF B2 CD A8 BE AE CD 95 A3 CD 9F BF AF B2 BE AE CD 8E A9 95 B0 C1 A4 C1 95 BF B2 CD B1 A9 B0 CD.

8A 9F B5 C1 A4 B5 BF: NRAO/AUI/NSF, S. Dagnello



COOL FACT

The distance from Earth to the star Proxima Centauri is approximately 4.2 light years. This is equivalent to about 40,000 billion kilometers. The star is located in the constellation of Alpha Centauri. It is the closest star to our solar system. The distance is so vast that it would take a spacecraft traveling at the speed of light about 4.2 years to reach it. The star is a red dwarf, which is a type of star that is smaller and cooler than our sun. It is estimated that there are billions of such stars in our galaxy alone. The discovery of Proxima Centauri was made in 1915 by the astronomer Robert Innes. It was the first star to be discovered outside our solar system. The discovery was a major milestone in astronomy. It showed that there are other stars out there, and that we are not alone in the universe. The discovery also opened up the possibility of finding other habitable planets. It is now one of the most important stars in our galaxy.

This Space Scoop is based on a Press Release from [NRAO](#).

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Observatory

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Observatory of Japan



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