



# Planet Distance Chart

Calculate the scale value for each Solar System object using a scale factor of 10 centimeters per astronomical unit (AU). 1 AU is equal to about 150 million kilometers (93 million miles)!

<b>Object</b>	<b>AU</b>	<b>Scale Value (centimeters)</b>	<b>Bead Color</b>
Sun	0.0 AU	0 cm	Yellow
Mercury	0.4 AU	4 cm	Solid Red
Venus	0.7 AU	7 cm	Cream
Earth	1.0 AU	10 cm	Clear Blue
Mars	1.5 AU	15 cm	Clear Red
Asteroid Belt	2.8 AU	28 cm	Black
Jupiter	5.2 AU	52 cm	Orange
Saturn	9.6 AU	96 cm	Clear Gold
Uranus	19.2 AU	192 cm	Dark Blue
Neptune	30.0 AU	300 cm	Light Blue
Pluto (closest)	29.7 AU	297 cm	Brown
Pluto (average)	39.5 AU	395 cm	Brown
Pluto (most distant)	49.3 AU	493 cm	Brown