# Pluto

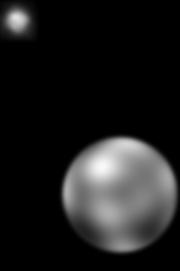


Figure Pluto from the Hubble Space Telescope

## How big is Pluto

Pluto weighs 12,500,000,000,000,000,000,000 kilograms. While this may seem large, it's only about 1/500th of the Earth's mass. Pluto is between 2200 and 2400 kilometers across. Its surface area is about 17,950,000 square kilometers (or 1/30th of the Earth's). Its volume is 7,150,000,000 km3 (or 1/150th of the Earth's).

## How long is a day on Pluto

One day on Pluto is about 6.487 Earth days long. Like Uranus, Pluto also spins on its side.

## How long is a year on Pluto

One year on Pluto would be about 90,613 days or ***248*** years on Earth!

## What is it made of

Scientists believe Pluto is made mostly of rock and ice,but they will not be sure until more research is done. The discovery of Charon helped scientists estimate the density of Pluto. The information collected told them what Pluto was and was not made out of. If Pluto were made out of heavy solids, it would have a very high density. If it were made of gases, it would have a low density. Pluto is somewhere in between, so it is probably made of rock and ice.

## Pluto Facts



* Pluto is a dwarf planet, smaller even than Earth's Moon.
* Pluto sometimes moves closer to the sun than Neptune.