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Periodic Table: Radon

At Chemical Elements.com

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Basic Information

Name: Radon

Symbol: Rn

Atomic Number: 86

Atomic Mass: (222.0) amu

Melting Point: -71.0 °C (202.15 °K, -95.8 °F)

Boiling Point: -61.8 °C (211.35 °K, -79.24 °F)

Number of Protons/Electrons: 86

Number of Neutrons: 136

Classification: [Noble Gas](#)

Crystal Structure: Cubic

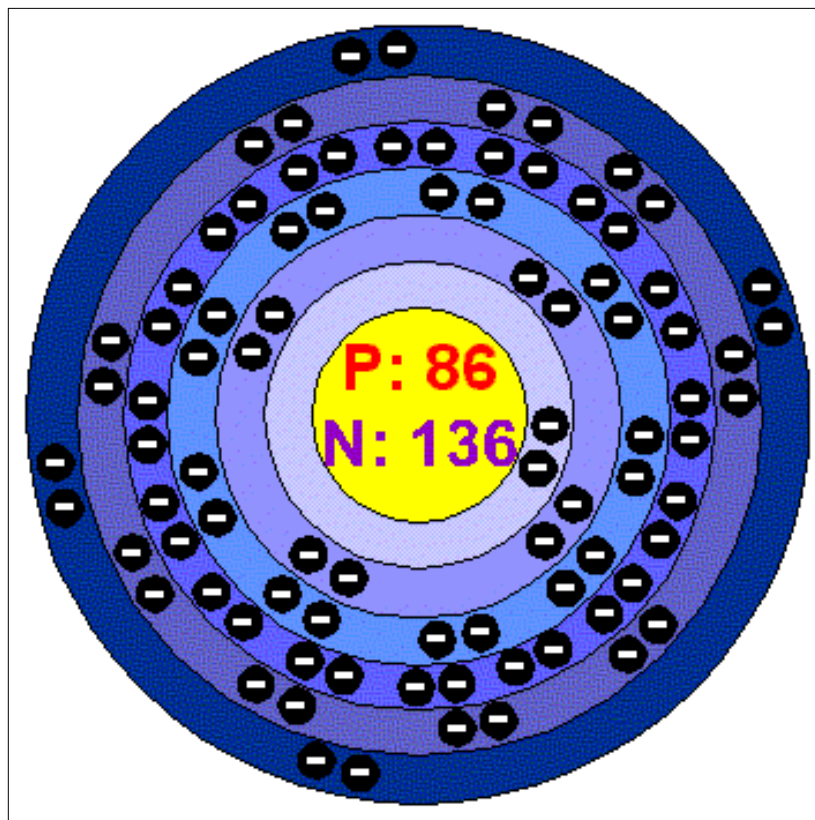
Density @ 293 K: 9.73 g/cm³

Color: colorless

Atomic Structure

**Number of
Energy Levels:**
6

**First
Energy
Level: 2
Second
Energy
Level: 8**



**Third
Energy
Level: 18**
**Fourth
Energy
Level: 32**
**Fifth
Energy
Level: 18**
**Sixth
Energy
Level: 8**

Isotopes

Isotope	Half Life
Rn-211	14.6 hours
Rn-212	24.0 minutes
Rn-217	0.6 milliseconds
Rn-218	35.0 milliseconds
Rn-219	3.96 seconds
Rn-220	55.61 seconds
Rn-222	3.82 days

Facts

Date of Discovery: 1898

Discoverer: Fredrich Ernst Dorn

Name Origin: From radium

Uses: treatment of cancer

Obtained From: decay of radium

Related Links

Note: The external links below are not a part of this site and their content is not the responsibility of this site

1. [Radon Information](#)

From the US Geologic Survey

2. [A Citizen's Guide to Radon](#)

From The U.S. Environmental Protection Agency

If you know of any other links for Radon, please [let me know](#)

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