

# Cerium

## Lanthanide

Symbol

Ce

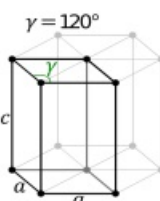
Atomic radius (pm)

185

Phase - Solid



Crystal Structure



Simple Hexagonal

Atomic number

58

Melting Point (K)

1071

History

The element Cerium was discovered by H. Klaproth, J. Berzelius, and W. Hisinger in year 1803 in Germany and Sweden . Cerium was first isolated by G. Mosander in 1838 . Cerium derived its name .

Appearance

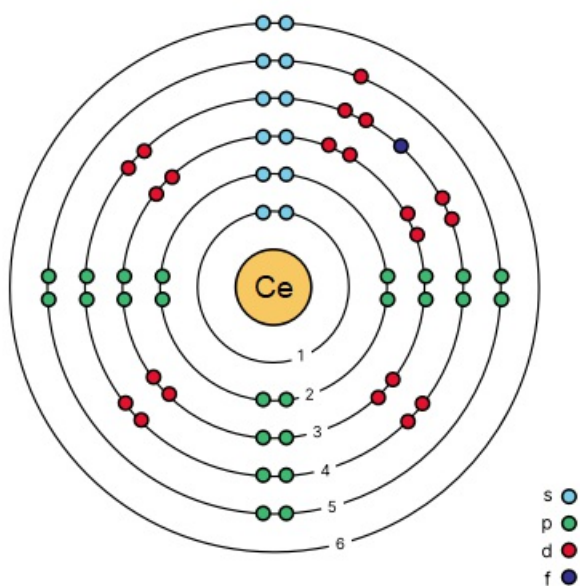
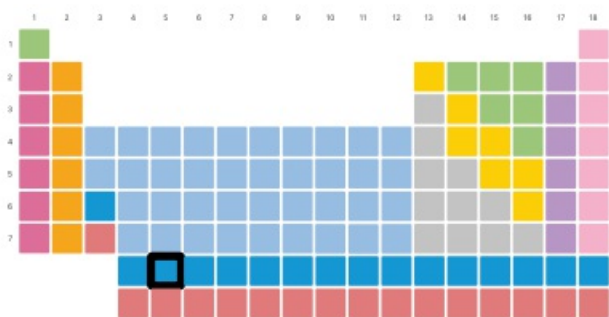
silvery white

Atomic weight (amu)

140.11

Boiling Point (K)

3633



[Xe] 4f1 5d1 6s2  
[2, 8, 18, 19, 9, 2]

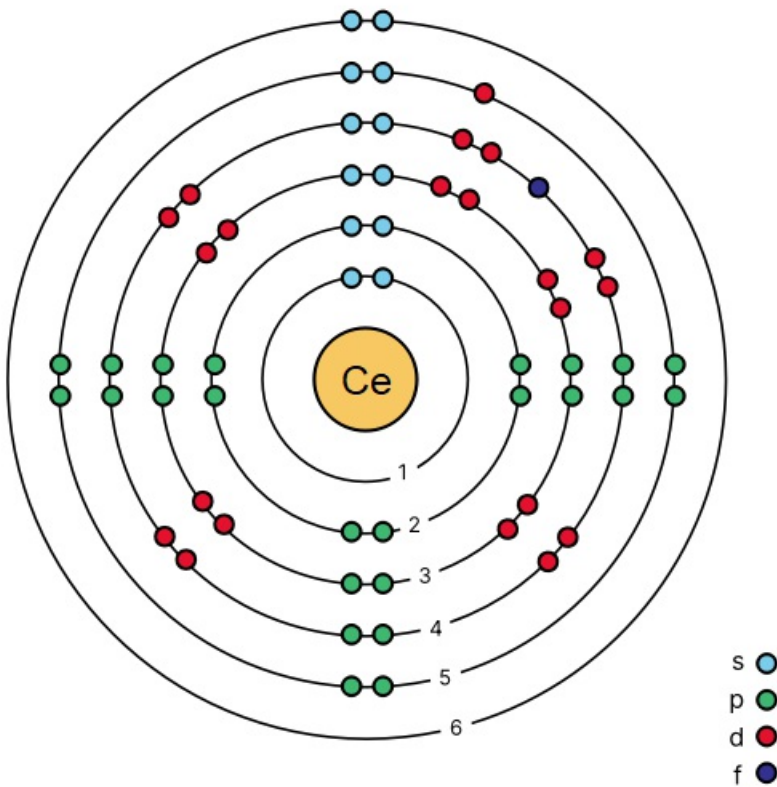
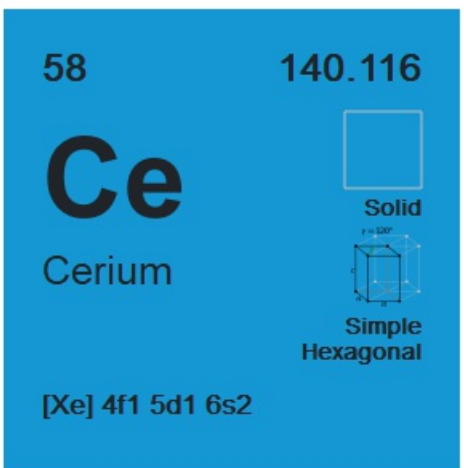
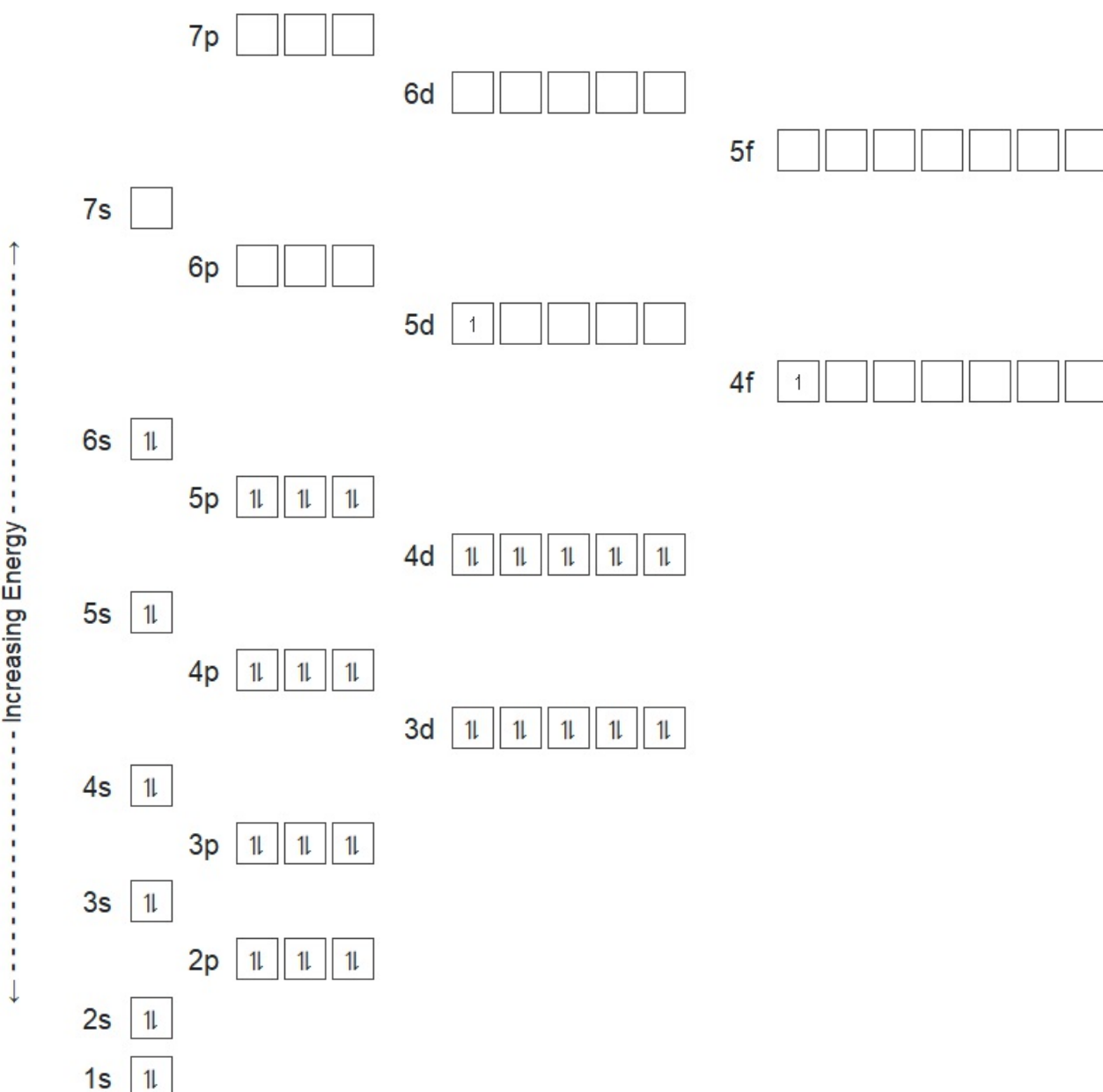
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Electronic Configuration



[Xe] 4f1 5d1 6s2  
[2, 8, 18, 19, 9, 2]

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