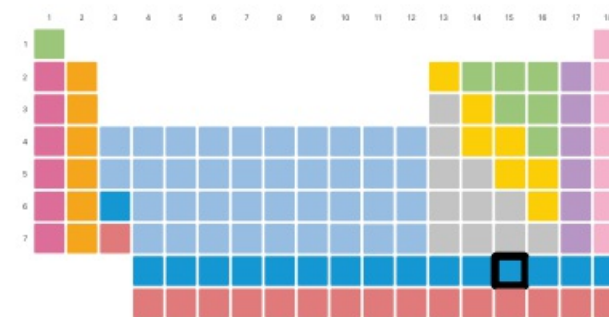


# Erbium

## Lanthanide



Symbol

**Er**

Atomic number

**68**

Atomic weight (amu)

**167.25**

Atomic radius (pm)

**226**

Melting Point (K)

**1770**

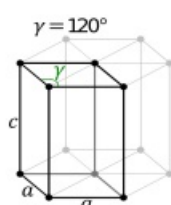
Boiling Point (K)

**3141**

Phase - Solid



Crystal Structure



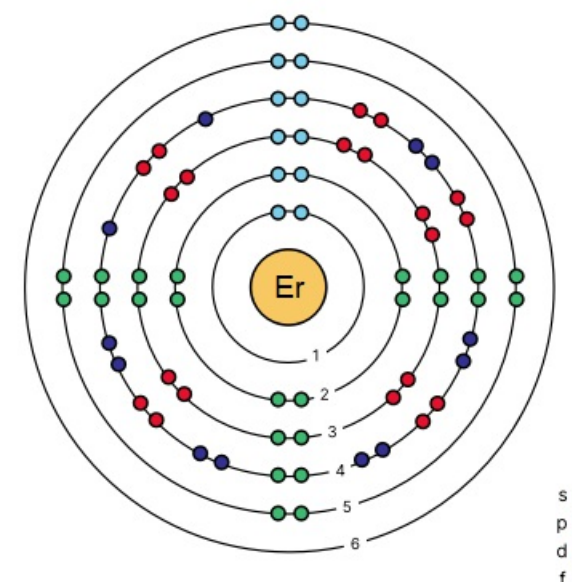
Simple Hexagonal

### History

The element Erbium was discovered by G. Mosander in year 1842 in Sweden . Erbium was first isolated by T. Cleve in 1879 . Erbium derived its name from Ytterby, Sweden.

### Appearance

silvery white



[Xe] 4f<sup>12</sup> 6s<sup>2</sup>  
[2, 8, 18, 30, 8, 2]

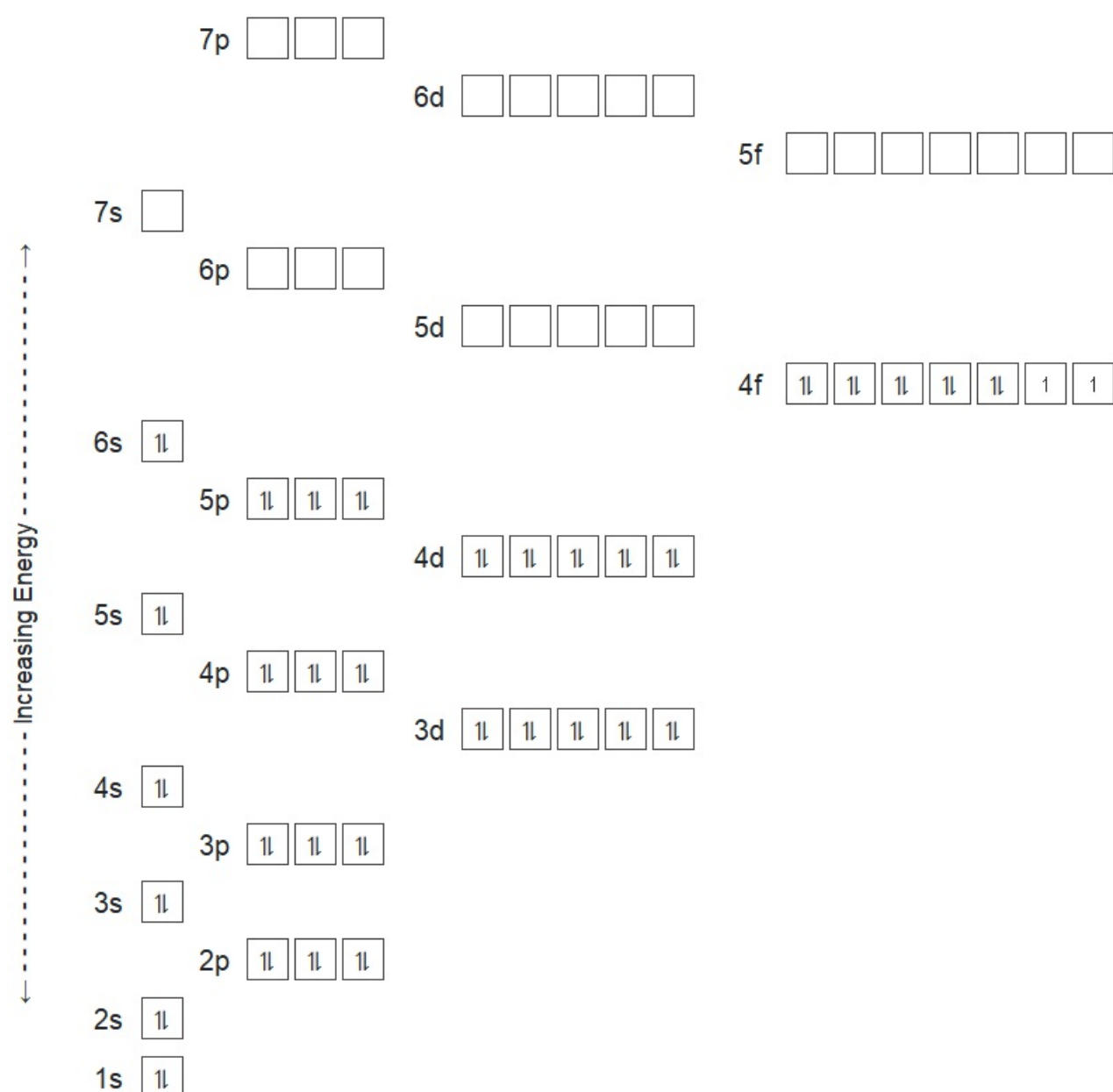
**SCHOOLMYKIDS**

LEARNING. REVIEWS. SCHOOLS

# Erbium

## Lanthanide

Electronic Configuration



68

167.259

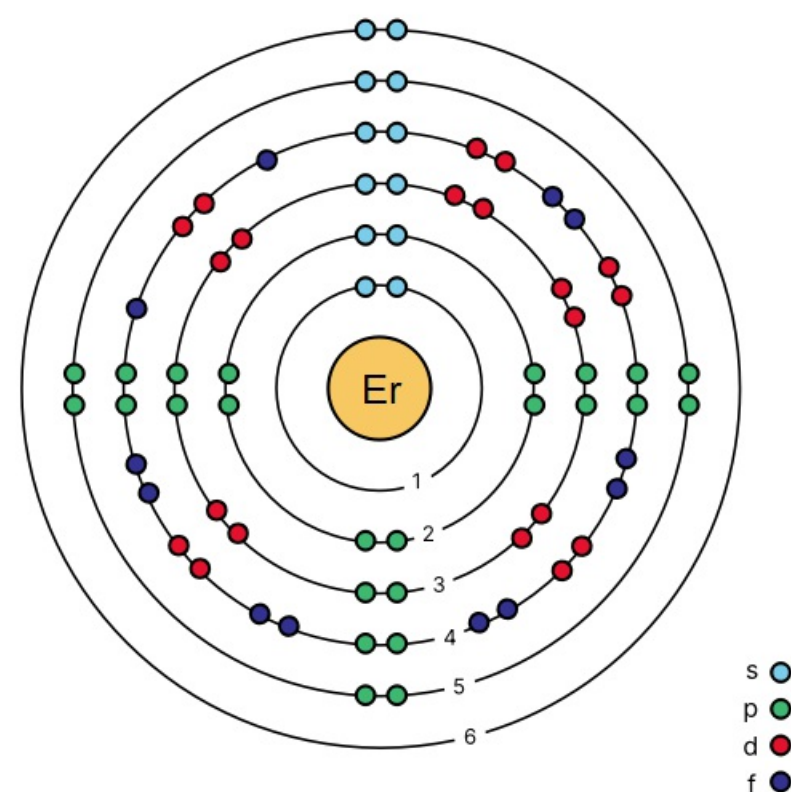
**Er**

Erbium

[Xe] 4f<sup>12</sup> 6s<sup>2</sup>

Solid

Simple Hexagonal



[Xe] 4f<sup>12</sup> 6s<sup>2</sup>  
[2, 8, 18, 30, 8, 2]

**SCHOOLMYKIDS**

LEARNING. REVIEWS. SCHOOLS