

Group
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Period

The diagram shows a standard periodic table element box for Cerium (Ce). The box contains the following information:

- Atomic Number:** 58
- Ground-state Level:** $1G_4^o$
- Symbol:** Ce
- Name:** Cerium
- Atomic Weight:** 140.116
- Ground-state Configuration:** $[Xe]4f5d6s^2$
- Ionization Energy (eV):** 5.5387

Labels with leader lines point to each of these fields:

- Atomic Number (points to 58)
- Ground-state Level (points to $1G_4^o$)
- Symbol (points to Ce)
- Name (points to Cerium)
- Atomic Weight (points to 140.116)
- Ground-state Configuration (points to $[Xe]4f5d6s^2$)
- Ionization Energy (eV) (points to 5.5387)

[†]Based upon ¹²C. () indicates the mass number of the most stable isotope.

For a description of the data, visit physics.nist.gov/data

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