

## excimer laser

A source of pulsed coherent radiation obtained from an exciplex. The proper name is exciplex laser. Typical lasing species are noble gas halides (XeCl, KrF, etc.) emitting in the UV domain.

**See:** gas lasers

**Source:**

PAC, 1996, 68, 2223 (*Glossary of terms used in photochemistry (IUPAC Recommendations 1996)*) on page 2241

PAC, 1995, 67, 1913 (*Nomenclature, symbols, units, and their usage in spectrochemical analysis-XV. Laser-based molecular spectroscopy for chemical analysis - laser fundamentals (IUPAC Recommendations 1995)*) on page 1920