

ligand to metal charge transfer (LMCT) transition

An electronic transition in a metal complex that corresponds to excitation populating an electronic state in which considerable electron transfer from a ligand to a metal centre has occurred.

See also: metal to ligand charge transfer transition

Source:

PAC, 1996, 68, 2223 (*Glossary of terms used in photochemistry (IUPAC Recommendations 1996)*) on page 2252