

# Photon

A photon is a quantum of electromagnetic wave energy. As a particle, a photon has zero rest mass, moving exclusively at the speed of light. As an elementary particle, a photon belongs to the bosons, i.e. it has an integer spin. Although it has zero rest mass, it has non-zero (relativistic) momentum, which manifests itself, for example, in collisions (Compton scattering, radiation pressure,...).

## Links

### Related articles

- Electromagnetic spectrum
- Wave-corpuscular dualism

### References

- NAVRÁTIL, Leoš – ROSINA, Jozef. *Medicínská biofyzika*. 1 (dotisk 2013) edition. Praha : Grada Publishing, 2005. 524 pp. ISBN 978-80-247-1152-2.