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Light-Year

National Cancer Institute

Source

National Cancer Institute. *Light-Year*. NCI Thesaurus. Code C71225.

A unit of length that would be traversed in a period of one year by an object moving at the speed of light in a vacuum (2.99792458E8 meters per second). One light year is equal to 63239.7 astronomical units, 0.3066 parsecs, 5.88E12 miles, or 9.460528405E15 meters.