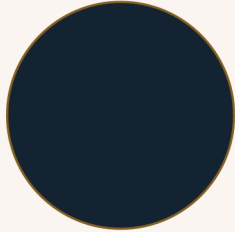


Eight Moon phases

Sunlight grows, fills the disc, then retreats.

Read left to right, row by row. The cycle averages 29.5 days.

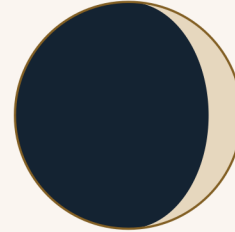
01



New Moon

Primary instant

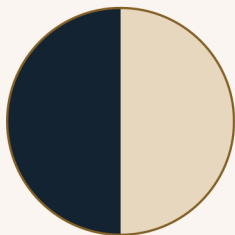
02



Waxing crescent

Interval · example 14.6% lit

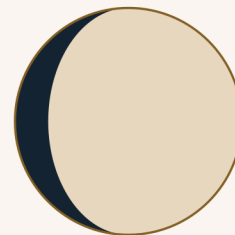
03



First quarter

Primary instant

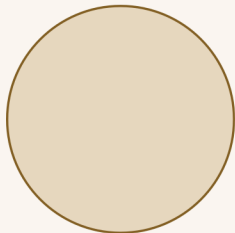
04



Waxing gibbous

Interval · example 85.4% lit

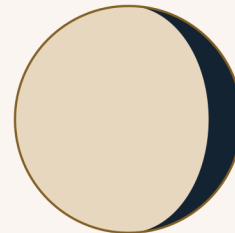
05



Full Moon

Primary instant

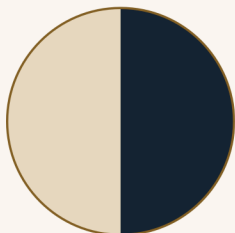
06



Waning gibbous

Interval · example 85.4% lit

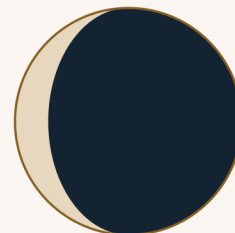
07



Last quarter

Primary instant

08



Waning crescent

Interval · example 14.6% lit

Four instants, four intervals

New, first quarter, full and last quarter mark primary instants.

Crescent and gibbous intervals each last roughly a week; lengths vary.

Waxing = light increasing. Waning = light decreasing.

Schematic north-up view: waxing right-lit, waning left-lit.

The angle to your horizon varies. No crater detail or dates are implied.