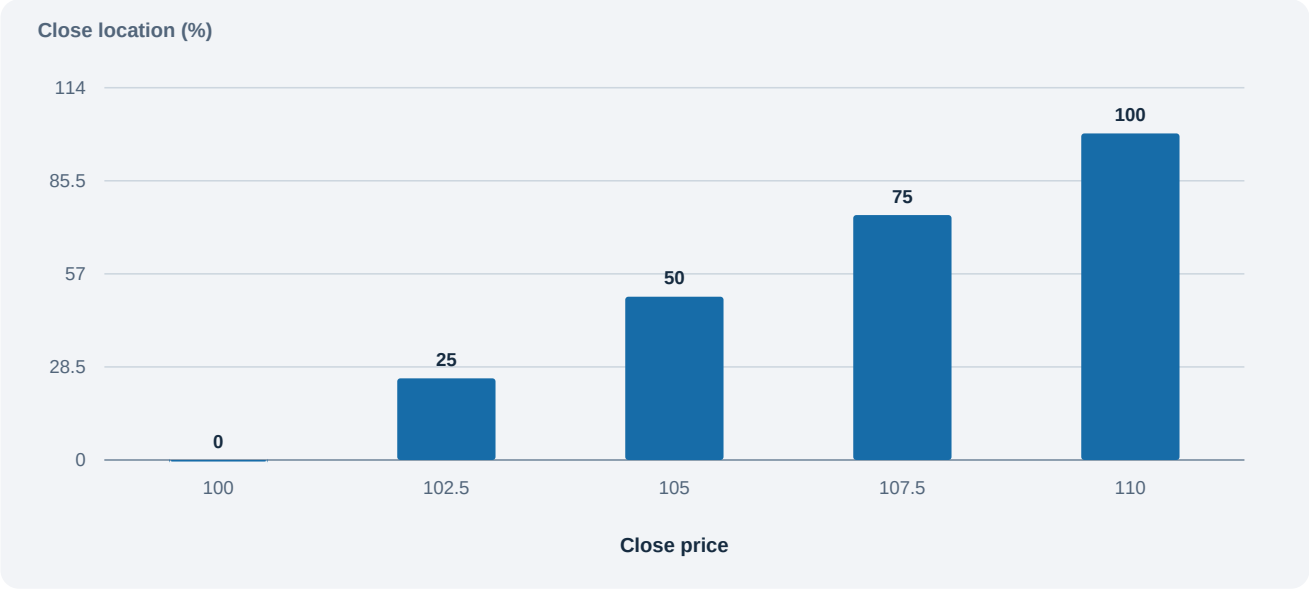
Close location within a bar

Price and indicators | Original synthetic example | Edition 2026-11-26

Close location places the closing price between the low and high on a zero-to-one scale. It is a compact description of one completed bar, not a standalone trading signal.

FORMULA Close location = (close - low) / (high - low)

SCENARIO 01: Low 100; high 110; vary close location



WORKED EXAMPLE

A close at 105 is halfway through the range: 50%. The calculation describes this bar only.

COMMON MISTAKE

Calling a high close a bullish forecast confuses a measurement with a prediction.

BEFORE YOU USE THE CALCULATION

1. Validate low <= close <= high.
2. Handle zero-range bars.
3. Use completed data for a completed-bar calculation.

COMPARE TWO MORE INPUT SETS

Scenario 05: Low 140; high 158; vary close location. A close at 149 is halfway through the range: 50%. The calculation describes this bar only.

Scenario 10: Low 190; high 218; vary close location. A close at 204 is halfway through the range: 50%. The calculation describes this bar only.

Synthetic values are not historical market data. Educational material; trading can result in substantial losses.