Week Number Calculator

Find the ISO 8601 week number and week-year for a calendar date. Weeks begin on Monday, week 1 contains January 4, and the week-year can differ near New Year.

Formula: ISO week = ceil((ThursdayOfWeek - Jan1 + 1 day) / 7 days)

INPUTS AND EXAMPLE VALUES

Calendar date: 2026-01-01

CHECK THE DEFAULT EXAMPLE

ISO week number: 1

ISO week-year: 2,026

LIMITS AND CONVENTIONS

ISO weeks begin on Monday; Sunday-start and custom local week conventions are not used.

Keep the ISO week-year with the week number, since the first and last calendar dates can belong to another week-year.

Calendar-date inputs and calculated calendar dates must stay within years 0001-9999.

METHOD AND SOURCES

https://azhanmh.com/guides/tools/week-number-calculator

MDN - Date.UTC and calendar-date construction:
https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Date/UTC

ISO - ISO 8601 date and time format:
https://www.iso.org/iso-8601-date-and-time-format.html

Display precision is for reporting; keep unrounded values for later calculations. Verify units and conventions. This reference does not replace institution, employer or network rules.