

# How do I use the ACOT function in Excel?

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The ACOT function in Excel is a mathematical formula that calculates the arccotangent of a given number. This function is useful for finding the angle in radians that has a cotangent equal to a specified number. To use the ACOT function, start by selecting a cell where you want the result to be displayed. Then, type "=ACOT(" followed by the number you want to calculate the arccotangent of. Close the parenthesis and press Enter to see the result. You can also use cell references instead of typing a number. This function can be helpful for various mathematical and statistical calculations in Excel.

This article describes the formula syntax and usage of the **ACOT** function in Microsoft Excel.

## Description

Returns the principal value of the arccotangent, or inverse cotangent, of a number.

## Syntax

ACOT(number)

The ACOT function syntax has the following arguments.

**Number** Required. Number is the cotangent of the angle you want. This must be a real number.

## Remarks

The returned angle is given in radians in the range 0 (zero) to pi.

If Number is a non-numeric value, ACOT returns the #VALUE! error value.

Use the DEGREES function or multiply by 180/PI() to convert the result from radians to degrees.