

How do I use the ACOS function in Excel?

Authored by
stats writer

June 28, 2024

RECOMMENDED CITATION

stats writer (2024). *How do I use the ACOS function in Excel?*. PSYCHOLOGICAL SCALES.
Retrieved from <https://scales.arabpsychology.com/?p=156688>

The ACOS function in Excel is a mathematical function that calculates the arccosine of a given number. It is used to find the angle whose cosine is equal to the given number. To use the ACOS function, you need to first select the cell where you want the result to appear. Then, type "=ACOS(" in the formula bar, followed by the number or cell reference for which you want to find the arccosine. Close the parentheses and press enter to get the result. This function is useful for calculating angles in geometry or for solving trigonometric equations. It can also be used in conjunction with other functions to perform more complex calculations.

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

Description

Returns the arccosine, or inverse cosine, of a number. The arccosine is the angle whose cosine is number. The returned angle is given in radians in the range 0 (zero) to pi.

Syntax

ACOS(number)

The ACOS function syntax has the following arguments:

Number Required. The cosine of the angle you want and must be from -1 to 1.

Remark

If you want to convert the result from radians to degrees, multiply it by 180/PI() or use the DEGREES function.