

How do I use the CSCH function in Excel?

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The CSCH function in Excel is used to calculate the hyperbolic cosecant of a given angle or number. To use this function, simply enter the value or reference of the angle or number in the designated cell, followed by the formula "`=CSCH(cell reference)`", where the cell reference is the location of the value in the spreadsheet. This will return the hyperbolic cosecant value of the input. Please note that the CSCH function is only available in newer versions of Excel and may not be compatible with older versions. Additionally, ensure that the input value is in radians for accurate results.

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

Description

Return the hyperbolic cosecant of an angle specified in radians.

Syntax

CSCH(number)

The CSCH function syntax has the following arguments.

Number Required.

Remarks

The absolute value of Number must be less than 2^{27} .

If Number is outside its constraints, CSCH returns the #NUM! error value.

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