

How do I use the IMCOS function in Google Sheets?

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The IMCOS function in Google Sheets is a tool used to calculate the inverse cosine of a given value. It can be accessed by typing "`=IMCOS(value)`" into a cell, where "value" represents the numeric input for which the inverse cosine will be calculated. This function is particularly useful for analyzing trigonometric data and can help users quickly obtain the inverse cosine value without the need for manual calculations. To utilize the IMCOS function effectively, it is important to input the correct value and reference the appropriate cell in the formula. Additionally, users should ensure that their spreadsheet is set to the appropriate units (degrees or radians) for accurate results. Overall, the IMCOS function in Google Sheets provides a convenient and efficient way to calculate the inverse cosine and can be a valuable tool for data analysis.

IMCOS function

The IMCOS function returns the cosine of the given complex number. For example, a given complex number "x+yi" returns "cos(x+yi)."

Parts of an IMCOS formula

`IMCOS (number)`

Part	Description	Notes
<code>number</code>	The complex number for which you want the cosine.	This can be either the result of the COMPLEX function, a real number (which will be interpreted as a complex number with imaginary part equal to 0), or a string in the format "x+yi" where x and y are numeric.

Sample formulas

`IMCOS (COMPLEX (4 , 6))`

`IMCOS (4)`

`IMCOS ("2+3i ")`

Notes

The IMCOS function returns an error if the given number isn't a valid complex number.

Examples

	A	B

1	Formula	Result
2	=IMCOS(COMPLEX(4, 1))	-1.00862481342516+0.889395195838485i
3	=IMCOS(3.5)	-0.936456687290796
4	=IMCOS("3+2i")	-3.72454550491532-0.511822569987385i

Related function

COMPLEX: The COMPLEX function creates a complex number, given real and imaginary coefficients.

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