How can I use the SECH function in Google Sheets?

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June 30, 2024

The SECH function in Google Sheets is a mathematical function that calculates the hyperbolic secant of a given angle or number. This function is useful for analyzing data and performing calculations in various fields such as mathematics, finance, and engineering. To use the SECH function in Google Sheets, simply enter the desired angle or number as the argument and the function will return the corresponding hyperbolic secant value. This can be done by typing "=SECH(angle/number)" in the desired cell. The SECH function can also be combined with other functions and formulas to perform more complex calculations. Overall, the SECH function in Google Sheets is a valuable tool for conducting precise and efficient mathematical operations.

SECH function

The SECH function returns the hyperbolic secant of an angle.

Parts of a SECH formula

`SECH(value)`

Part	Description
`value`	Any real value to calculate the hyperbolic secant of.

Sample formulas

`SECH(A1)`

`SECH(1)`

Examples

	A	B
1	**Formula**	**Result**
2	=SECH(1)	0.6480542737
3	=SECH(-1)	0.6480542737
4	=SECH(4)	0.03661899347

Related functions

SEC: The SEC function returns the secant of an angle measured in radians.COT: The COT function returns the cotangent of an angle provided in radians.COTH: The COTH function returns

the hyperbolic cotangent of any real number.ACOT: The ACOT function returns the inverse cotangent of a value in radians.ATANH: The ATANH function returns the inverse hyperbolic tangent of a number.ATAN: The ATAN function returns the inverse tangent of a value in radians.ATAN2: The ATAN2 function returns the angle between the x-axis and a line segment from the origin (0,0) to the specified coordinate pair (`x`,`y`), in radians.ASINH: The ASINH function returns the inverse hyperbolic sine of a number.ASIN: The ASIN function returns the inverse sine of a value in radians.SIN: The SIN function returns the sine of an angle provided in radians.COS: The COS function returns the cosine of an angle provided in radians.ACOSH: The ACOSH function returns the inverse hyperbolic cosine of a number.ACOS: The ACOS function returns the inverse cosine of a value in radians.DEGREES: The DEGREES function converts an angle value in radians to degrees.RADIANS: The RADIANS function converts an angle value in degrees to radians.PI: The PI function returns the value of pi to 9 decimal places.