How To use the ACOSH function in Google Sheets?

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The ACOSH function in Google Sheets is a mathematical tool that allows you to calculate the inverse hyperbolic cosine of a given number. This function is useful for solving complex mathematical problems and can be easily accessed by following a few simple steps. By entering the ACOSH function, followed by the number or cell reference for the value you want to calculate, you can quickly obtain the result in your desired cell. However, it is important to note that the input value must be greater than or equal to 1 for the function to work properly.

ACOSH

The ACOSH function returns the inverse hyperbolic cosine of a number.

Sample Usage

`ACOSH(2)`

`ACOSH(A1)`

Syntax

`ACOSH(value)`

`value` - The value for which to calculate the inverse hyperbolic cosine. Must be greater than or equal to `1`.

Notes

Google Sheets does not support imaginary or complex numbers, so these are not valid inputs or outputs from hyperbolic functions.

See Also

`TANH`: The TANH function returns the hyperbolic tangent of any real number.

`TAN`: The TAN function returns the tangent of an angle provided in radians.

`SINH`: The SINH function returns the hyperbolic sine of any real number.

`SIN`: The SIN function returns the sine of an angle provided in radians.

`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.

`DEGREES`: The DEGREES function converts an angle value in radians to degrees.

`COSH`: The COSH function returns the hyperbolic cosine of any real number.

`COS`: The COS function returns the cosine of an angle provided in radians.

`ATANH`: The ATANH function returns the inverse hyperbolic tangent of a number.

`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.

`ATAN`: The ATAN function returns the inverse tangent of a value 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.

`ACOS`: The ACOS function returns the inverse cosine of a value in radians.

Examples