

Arc Cosine

Block Group:	Trigonometric Functions
Icon:	

The Arc Cosine block returns the arccosine, or inverse cosine, of a number, in degrees. The arccosine of n is the angle for which n is the cosine.

For information on using dataflow blocks, see [Dataflow](#).

Input/Output Property

The following property of the Arc Cosine block can take input and give output.

- input (*number*)

input defines the cosine to get the angle for. Must be between -1 and 1 .

Output Property

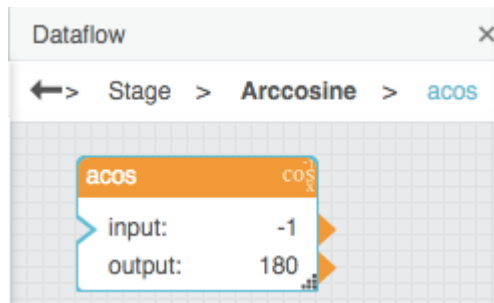
The following property of the Arc Cosine block can give output but cannot take input.

- output (*number*)

output returns the arccosine of the input, in degrees.

Example

The following image shows an example of the Arc Cosine block. In this example, the cosine is -1 , and the arccosine is 180 degrees.



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