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

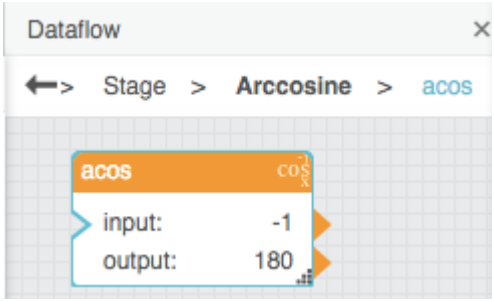
The following property of the Arc Cosine block can give output but cannot take input.

- 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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