

JAVASCRIPT - MATH ACOS METHOD

http://www.tutorialspoint.com/javascript/math_acos.htm

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Description

This method returns the arccosine in radians of a number. The acos method returns a numeric value between 0 and pi radians for x between -1 and 1. If the value of number is outside this range, it returns NaN.

Syntax

Its syntax is as follows –

```
Math.acos( x ) ;
```

Parameter Details

x – A number.

Return Value

Returns the arccosine in radians of a number.

Example

Try the following example program.

```
<html>

<head>
  <title>JavaScript Math acos() Method</title>
</head>

<body>

  <script type="text/javascript">
    var value = Math.acos(-1);
    document.write("First Test Value : " + value );

    var value = Math.acos(null);
    document.write("<br />Second Test Value : " + value );

    var value = Math.acos(30);
    document.write("<br />Third Test Value : " + value );

    var value = Math.acos("string");
    document.write("<br />Fourth Test Value : " + value );
  </script>

</body>
</html>
```

Output

```
First Test Value : 3.141592653589793
Second Test Value : 1.5707963267948966
Third Test Value : NaN
Fourth Test Value : NaN
```