

SVG - CIRCLE

http://www.tutorialspoint.com/svg/svg_circle.htm

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<circle> element is used to draw circle with a center point and given radius.

Declaration

Following is the syntax declaration of <circle> element. We've shown main attributes only.

```
<circle
  cx="x-axis co-ordinate"
  cy="y-axis co-ordinate"
  r="length" >
</circle>
```

Attributes

Sr.No.	Name & Description
1	cx – x-axis co-ordinate of the center of the circle. Default is 0.
2	cy – y-axis co-ordinate of the center of the circle. Default is 0.
3	r – radius of the circle.

Example

testSVG.htm

```
<html>
  <title>SVG Circle</title>
  <body>

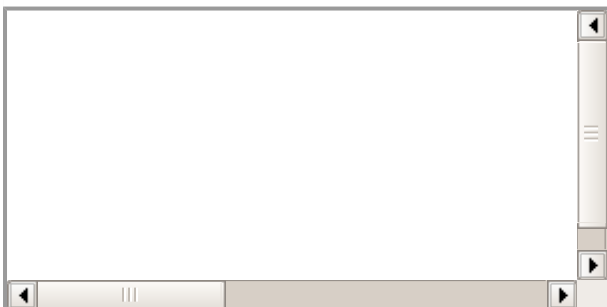
    <h1>Sample SVG Circle Image</h1>

    <svg width="800" height="800">
      <g>
        <text x="0" y="15" fill="black" >Circle #1: Without opacity.</text>
        <circle cx="100" cy="100" r="50" stroke="black"
          stroke-width="3" fill="rgb(121,0,121)"></circle>
      </g>
    </svg>

  </body>
</html>
```

Output

Open testSVG.htm in Chrome web browser. You can use Chrome/Firefox/Opera to view SVG image directly without any plugin. Internet Explorer 9 and higher also supports SVG image rendering.



Circle with opacity

```
<html>
  <title>SVG Circle</title>
  <body>

    <h1>Sample SVG Circle Image</h1>

    <svg width="800" height="800">
      <g>
        <text x="0" y="15" fill="black" >Circle #2: With opacity </text>
        <circle cx="100" cy="100" r="50"
          style="fill:rgb(121,0,121);stroke-width:3;
          stroke:rgb(0,0,0);stroke-opacity:0.5;opacity:0.5"> </circle>
      </g>
    </svg>

  </body>
</html>
```

Output

Open textSVG.htm in Chrome web browser. You can use Chrome/Firefox/Opera to view SVG image directly without any plugin. Internet Explorer 9 and higher also supports SVG image rendering.

