SVG - ELLIPSE

<ellipse> element is used to draw ellipse with a center point and given two radii.

Declaration

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

```
<ellipse
    cx="x-axis co-ordinate"
    cy="y-axis co-ordinate"

    rx="length"
    ry="length" >
</ellipse>
```

Attributes

Sr.No.	Name & Description
1	**cx** − x-axis co-ordinate of the center of the ellipse. Default is 0.
2	**cy** − y-axis co-ordinate of the center of the ellipse. Default is 0.
3	**rx** − x-axis radius of the ellipse.
4	**rx** − y-axis radius of the ellipse.

Example

testSVG.htm

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

        <h1>Sample SVG Ellipse Image</h1>
        <svg width="800" height="800">
            <g>
                <text x="0" y="15" fill="black" >Ellipse #1: Without opacity.</text>

                <ellipse cx="100" cy="100" rx="90" ry="50"
                stroke="black" stroke-width="3" fill="rgb(121,0,121)"></ellipse>
            </g>
        </svg>

    </body>
</html>
```
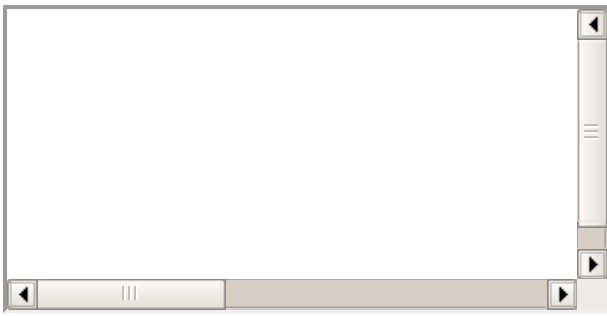
Output

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.

Ecllipse with opacity

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

      <h1>Sample SVG Ellipse Image</h1>

      <svg width="800" height="800">
         <g>
            <text x="0" y="15" fill="black" >Ellipse #2: With opacity </text>

            <ellipse cx="100" cy="100" rx="90" ry="50"
            style="fill:rgb(121,0,121);stroke-width:3;
            stroke:rgb(0,0,0);stroke-opacity:0.5;opacity:0.5"></ellipse>
         </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.