

measureText() METHOD IN HTML5 CANVAS

- The measureText() method is used to set values that contains the width of the specified text, in pixels.

Syntax for measureText() Method in HTML5 Canvas:

```
Context.measureText(text).width;
```

Parameter Values :

Parameter	Description
text	The text to be measured

Sample Coding for measureText() Method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>wikitechy measuretext()method </title>
  </head>
  <body>
    <h1>wikitechy measuretext()method </h1>
    <canvas id="wikitechyCanvas" width="300" height="150"
      style="border:1px solid #d3d3d3;">
    </canvas>
    <script>
      var canvas = document.getElementById("wikitechyCanvas");
      var context = canvas.getContext("2d");
      context.font = "25px Times new Roman";
      var txt = "wikitechy world";
      context.fillText("width:" + context.measureText(txt).width, 10, 50);
      context.fillText(txt, 10, 100);
    </script>
  </body>
</html>
```



Code Explanation for `measureText()` method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>wikitechy measuretext()method</title>
  </head>
  <body>
    <h1>wikitechy measuretext()method</h1>

    <canvas id="wikitechyCanvas" width="300" height="150"
    style="border:1px solid #d3d3d3;">
    </canvas>

    <script>
      var canvas = document.getElementById("wikitechyCanvas");
      var context = canvas.getContext("2d");
      context.font = "25px Times new Roman";
      var txt = "wikitechy world";
      context.fillText("width:" + context.measureText(txt).width, 10, 50);
      context.fillText(txt, 10, 100);
    </script>
  </body>
</html>
```

1. "**WikitechyCanvas**" is used to declare the id value of the canvas tag.
2. The **getElementById();** method is used to get the element with the specific id ("**wikitechyCanvas**").
3. **Canvas.getContext** method returns an object that provides methods and properties for drawing on the canvas
4. The **context.font** method is used to set the font property as "**25 px Times New Roman;**
5. The **context.fillText()** method is used to filltext(**10,100**).

Output for measureText() Method in HTML5 Canvas:



1. <canvas> is used to draw a rectangle and transform
2. Defines a font style (25px times New Roman)

Browser Support measureText() Method in HTML5 Canvas:

Browser	Support
Chrome	Yes
Internet explorer / Edge	9.0
Firefox	Yes
Safari	Yes
Opera	Yes