

strokeText() METHOD IN HTML5 CANVAS

- The **strokeText()** method is one of the canvas method.
- The **strokeText()** method only draw the text on the canvas.
- The default color of the text will be black.

Syntax for strokeText() Method in HTML5 Canvas:

```
context . strokeText( text,x,y,maxWidth ) ;
```

Parameter Values:

Values	Description
text	Specifies the text that will be written on the canvas
x	The x coordinate where to start painting the text (relative to the canvas).
y	The y coordinate where to start painting the text (relative to the canvas).
maxWidth	Optional. The maximum allowed width of the text, in pixels.



Sample coding for strokeText() Method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>wikitechy-HTML canvas strokeText() method </title>
  </head>
  <body>
    <h1>wikitechy-HTML canvas strokeText() method with example:</h1>
    <canvas id="wikitechyCanvas" width="400" height="200"
    style="border:1px solid #d3d3d3;" > </canvas>
    <script>
      var d = document.getElementById("wikitechyCanvas");
      var ctx = d.getContext("2d");

      ctx.font = "25px Arial";
      ctx.strokeText("Welcome To!", 50, 80);

      ctx.font = "40px georgia";

      var gra = ctx.createLinearGradient(0, 0, d.width, 0);
      gra.addColorStop("0", "green");
      gra.addColorStop("0.5", "red");
      gra.addColorStop("1", "blue");

      ctx.strokeStyle = gra;
      ctx.strokeText("Wikitechy!", 50, 150);
    </script>
  </body>
</html>
```

Code Explanation for strokeText() method in HTML5 Canvas:

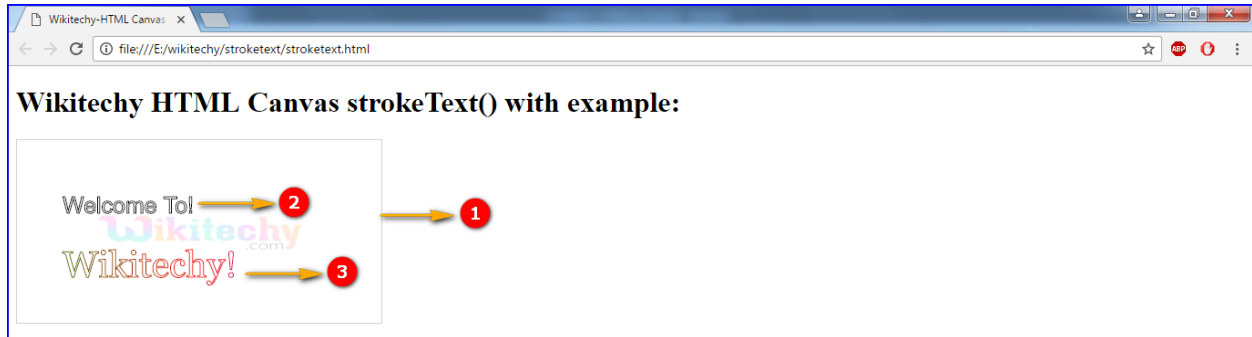
```
<!DOCTYPE html>
<html>
<body>
  <head>
    <title>Wikitechy-HTML Canvas strokeText</title>
  </head>
</body>
<h1>Wikitechy HTML Canvas strokeText() with example:</h1>
<canvas id="wikitechyCanvas" width="400" height="200"
  style="border:1px solid #d3d3d3;">
</canvas>
<script>
  var d = document.getElementById("wikitechyCanvas");
  var ctx = d.getContext("2d");
  ctx.font = "25px Arial";
  ctx.strokeText("Welcome To!", 50, 80);
  ctx.font = "40px georgia";
  var gra = ctx.createLinearGradient(0, 0, d.width, 0);
  gra.addColorStop("0", "green");
  gra.addColorStop("0.5", "red");
  gra.addColorStop("1", "blue");
  ctx.strokeStyle = gra;
  ctx.strokeText("Wikitechy!", 50, 150);
</script>
</body>
</html>
```

1. **"Wikitechy canvas"** is used to declare the id value of the canvas tag.
2. **getElementById**: method is used to draw the element from id.
3. **getContext()**: returns an object that provides methods and properties for drawing on the canvas.

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4. The first text **font** in **25px Arial**.
 - The second text **font** in **40px Georgia**.
 5. The **strokeText()** method draws text ("**Welcome To!**", **50, 80**) (with no fill) on the canvas.
 6. The Linear gradient method is used to create a gradient of an text.the value is (**0,0,d.width,0**).
 7. To stop the text color using **addcolorstop**.This value is set as only(0 to 1),for example `gra.addColorStop("0", "green");`
 8. **strokeStyle()**: this method is used to returns the color.



Output of strokeText() Method in HTML5 Canvas:



1. canvas is used to draw a rectangle.
2. The first text **Welcome To!** Will be displays the font is **(50, 80)** in x,y axis.
3. The second text **Wikitechy** will be displays the gradient and the font is **(50,150)** in x, y axis.

Browser Support for strokeText() Method in HTML5 Canvas:

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

Tips and Notes

- strokeColor property is used to draw the another color or gradient.