

## fillRect() METHOD IN HTML5 Canvas

- The fillRect is a method of HTML <canvas> element.
- This method is used to draw a filled rectangle on the canvas.
- The default color of the filled rectangle is black.
- It has four parameters. They are, x, y, width and height.

### Syntax for fillRect() method in HTML5 Canvas:

```
context.fillRect(x,y,width,height);
```

### Parameter values for fillRect() method in HTML5 Canvas:

Value	Description
x	The x axis coordinate of the rectangle starting point.
y	The y axis coordinate of the rectangle starting point.
width	It is used to set a width for the rectangle.
height	It is used to set a height for the rectangle.

## Sample coding fillRect() method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title> Wikitechy HTML Canvas fillRect with example </title>
  </head>
  <body>
    <h2>HTML Canvas fillRect with example </h2>
    <canvas id="wikitechyCanvas" width="370" height="200"
      style="border:1px solid green;">
    </canvas>
    <script>
      var a = document.getElementById("wikitechyCanvas");
      var context = a.getContext("2d");
      context.fillRect(90, 50, 170, 100);
    </script>
  </body>
</html>
```

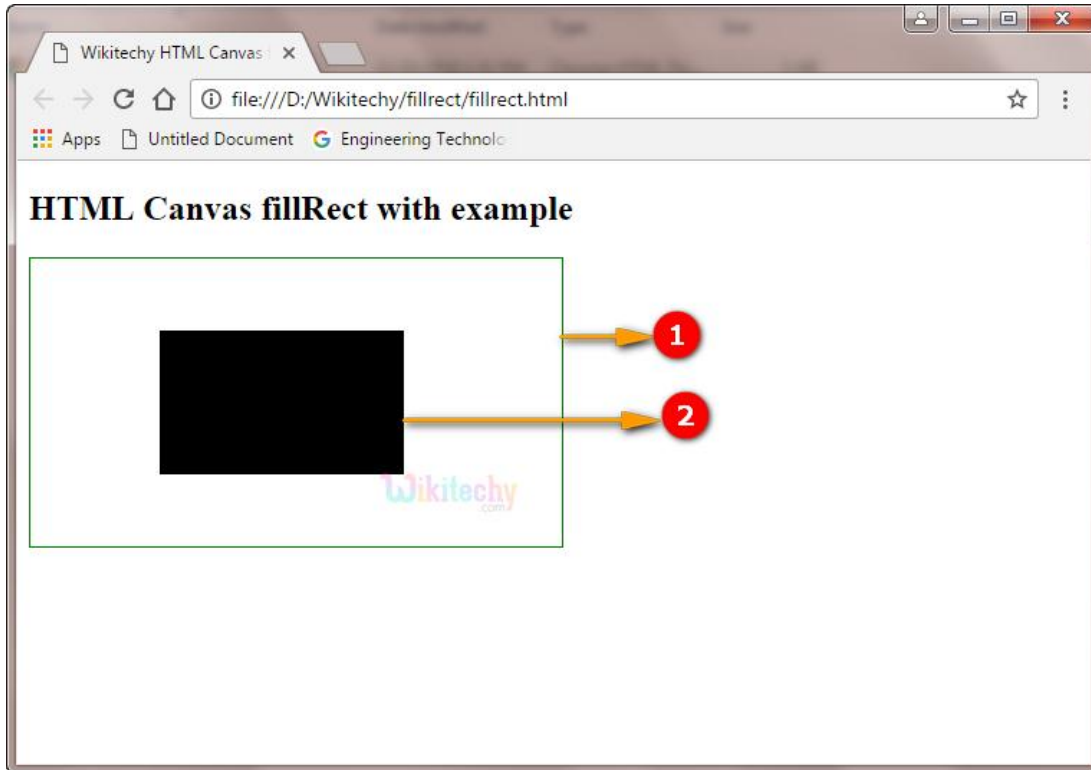


## Code Explanation for fillRect() method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title> Wikitechy HTML Canvas fillRect with example
    </title>
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  <body>
    <h2>HTML Canvas fillRect with example</h2>
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    <script>
      var a = document.getElementById("wikitechyCanvas");
      var context = a.getContext("2d");
      context.fillRect(90, 50, 170, 100);
    </script>
  </body>
</html>
```

1. **"wikitechyCanvas"** is used to define the value of id attribute for canvas element.
2. The **getElementById();** method is used to get the element that has the id attributes with the value **"wikitechycanvas"**.
3. **a.getContext("2d")** method is returns a two-dimensional drawing context on the canvas.
4. **fillRect(90,50,170,100)** method is used to draw a filled rectangle on the canvas.

## Sample Output for fillRect() method in HTML5 Canvas :



1. The canvas rectangle with green border.
2. This shows that a rectangle drawn by fillRect() method.

## Browser Support for fillRect() method in HTML5 Canvas :

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

### Tips and Notes

- The fillStyle property is used to set a color, gradient or pattern to the filled rectangle.

