



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width,
  initial-scale=1.0">
6 <title>Intersecting Boxes</title>
7 <style>
8     body {
9         margin: 0;
10        display: flex;
11        justify-content: center;
12        align-items: center;
13        height: 100vh;
14        background-color: light;
15    }
16
17    canvas {
18        border: 1px solid;
19        background: white;
20    }
21 </style>
22 </head>
23 <body>
24 <canvas id="myCanvas" width="340" height="340"></
  canvas>
25
26 <script>
27 var canvas = document.getElementById('myCanvas');
28 var ctx = canvas.getContext('2d');
29
30 ctx.fillStyle = 'pink';
31 ctx.fillRect(60, 60, 160, 160);
32
33 ctx.globalAlpha = 0.5;
34 ctx.fillStyle = 'lightgreen';
35 ctx.fillRect(120, 120, 160, 160);
36 ctx.globalAlpha = 1;
37
38 var xOverlap = Math.max(0, Math.min(100+100, 150+150) -
  Math.max(50, 100));
```

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< > css > c.html Q [ ] ▶ ...
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38 var xOverlap = Math.max(0, Math.min(100+100, 150+150) -
  Math.max(50, 100));
39 var yOverlap = Math.max(0, Math.min(50+100, 100+150) -
  Math.max(50, 100));
40
41
42 </script>
43 </body>
44 </html>
```