HTML & CSS

طراحی صفحات وب

Direction Property

- Set's the direction of an element.
- Possible values are "RTL" and "LTR".

```html
<html>
  <head>
    <title>Direction</title>
    <style>
      .rtl {
        direction: rtl;
        background-color: #cccccc;
      }
    </style>
  </head>
  <body>
    <div>
      The HyperText Markup Language, or HTML is the standard markup
language for documents designed to be displayed in a web browser.
    </div>
    <div class="rtl">
      The HyperText Markup Language, or HTML is the standard markup
language for documents designed to be displayed in a web browser.
    </div>
    <div>
      □□□□□□□ □□) □□□□□□□□ □□□□□□□□□ □□□□: Hyper Text Markup Language)
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□□□□□.
    </div>
    <div class="rtl">
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□□□□□.
    </div>
  </body>
</html>
```

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser.

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در کنار سی‌اس‌اس هستهٔ فناوری (HTML :یا زنگام (به انگلیسی (Hyper Text Markup Language :زبان نشانه‌گذاری ابرمتنی، (به انگلیسی ساخت صفحه‌های وب هستند.

زبان نشانه‌گذاری ابرمتنی، (به انگلیسی: Hyper Text Markup Language یا زنگام (به انگلیسی: HTML) در کنار سی‌اس‌اس هستهٔ فناوری ساخت صفحه‌های وب هستند.

Element Display

- There are 2 types of Elements:
  - Blocking: Takes full-width
  - Non-Blocking (Inline): Takes the needed space only.

```html
1 <html>
2   <head>
3     <title>Display</title>
4     <style>
5         .bg-blue {
6             background-color: #0000ff;
7             color: #ffffff;
8         }
9         .bg-green {
10            background-color: #00ff00;
11        }
12    </style>
13  </head>
14  <body>
15    <div class="bg-blue">Div is a blocking element.</div>
16    <span class="bg-green">Span is a non blocking element.</span>
17  </body>
18 </html>
```

Div is a blocking element.
Span is a non blocking element.

Element's width

- Set's the width of a blocking element.

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <title>Width</title>
5      <style>
6          .small-photo {
7              width: 400px;
8          }
9          .box {
10             background-color: #880099;
11             color: #ffffff;
12         }
13         .box-small {
14             width: 300px;
15         }
16     </style>
17 </head>
18 <body>
19     <div class="box">This box has no width.</div>
20     <img
21         class="small-photo"
22         src="https://s4.uupload.ir/files/timothy-dykes-e1nv1tujgs0-
    unsplash-2_2wmp.jpg"
23     />
24     <div class="box box-small">This box has 300px width</div>
25 </body>
26 </html>
```

This box has no width.

This box has 300px width

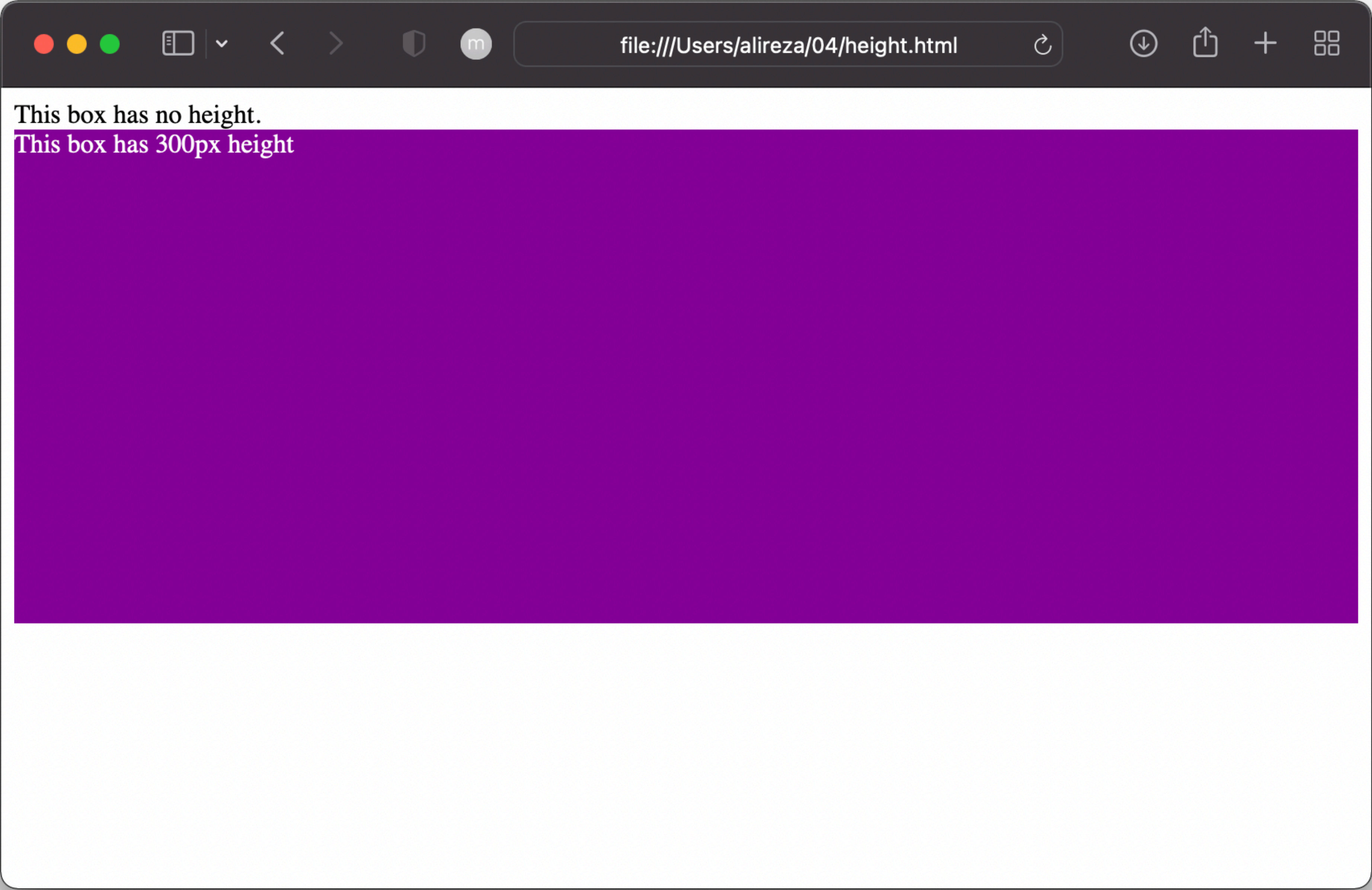# Element's height

- Set's the height of a blocking element.

```html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <title>Height</title>
5      <style>
6          .box-long {
7              height: 300px;
8              background-color: #880099;
9              color: #ffffff;
10         }
11     </style>
12 </head>
13 <body>
14     <div>This box has no height.</div>
15     <div class="box-long">This box has 300px height</div>
16 </body>
17 </html>
```
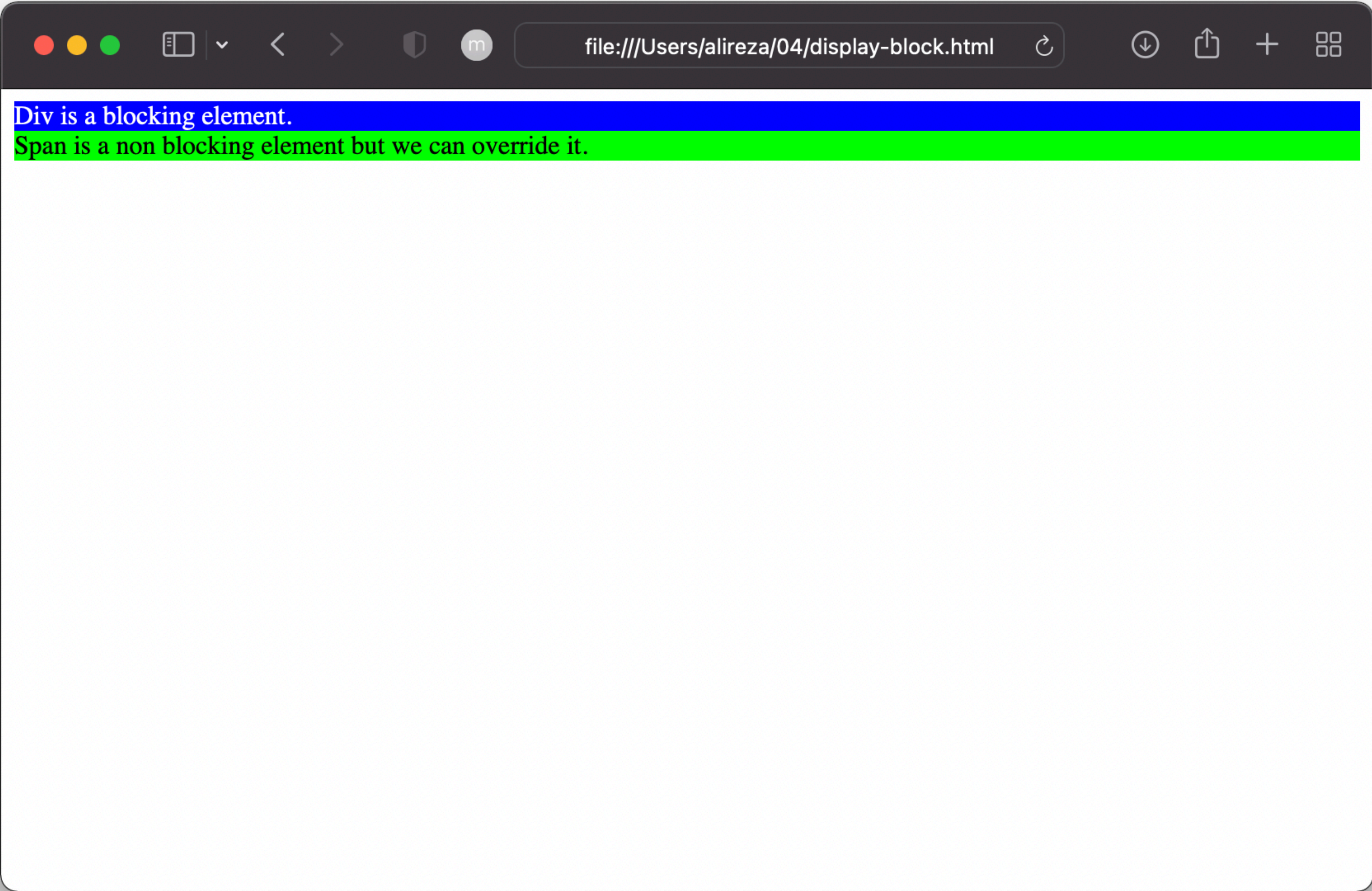
This box has no height.

This box has 300px height

Display: block;

- Takes the whole line.
- Takes width/height.

```html
1  <html>
2    <head>
3      <title>Display</title>
4      <style>
5          .bg-blue {
6              background-color: #0000ff;
7              color: #ffffff;
8          }
9          .bg-green {
10             background-color: #00ff00;
11         }
12         .block-element {
13             display: block;
14         }
15     </style>
16   </head>
17   <body>
18     <div class="bg-blue">Div is a blocking element.</div>
19     <span class="bg-green block-element">
20         Span is a non blocking element but we can override it.
21     </span>
22   </body>
23 </html>
```
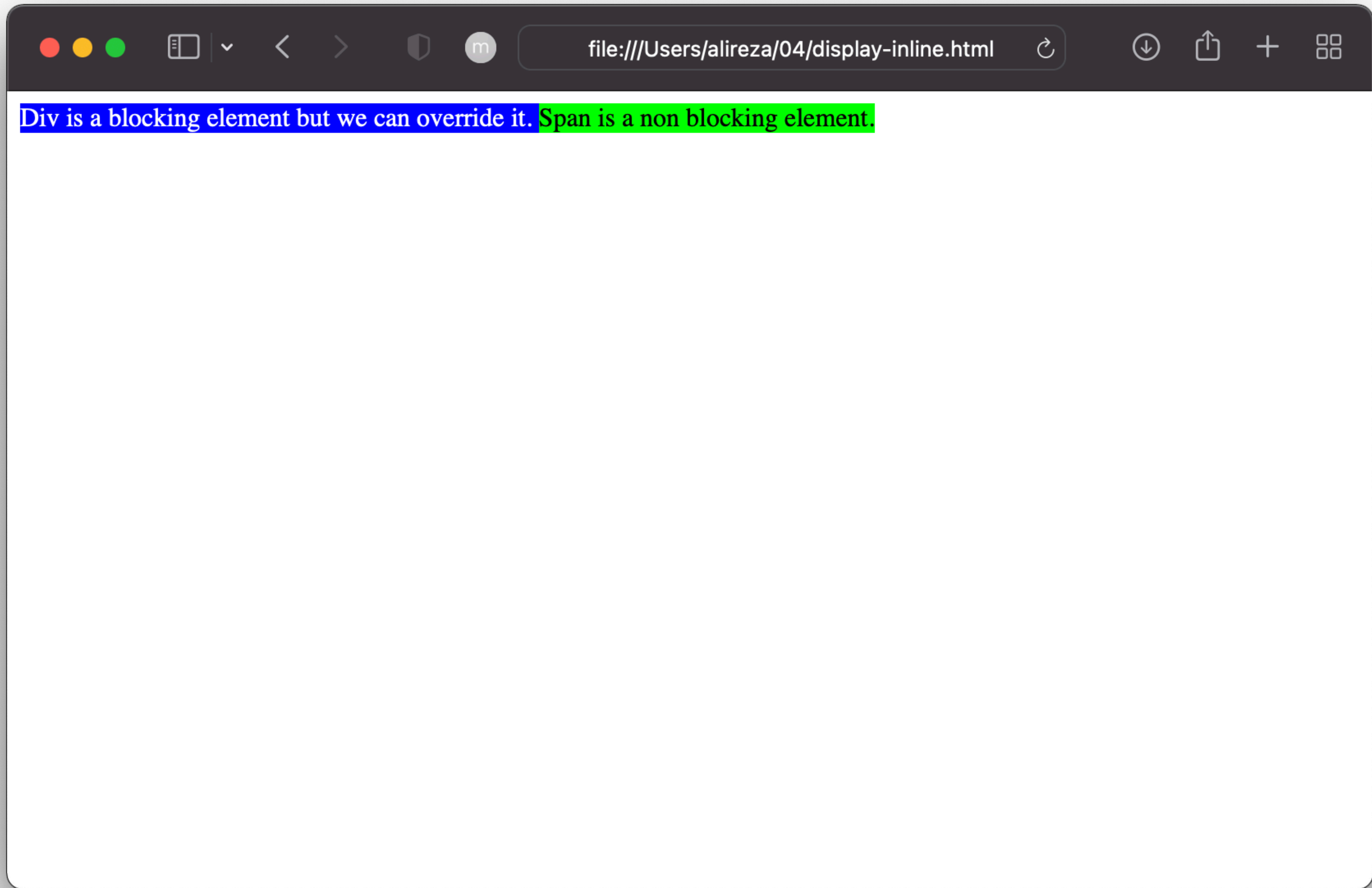
Div is a blocking element.

Span is a non blocking element but we can override it.

Display: inline;

- Takes the needed size for content.
- Does not take width/height.

```html
1  <html>
2    <head>
3      <title>Display</title>
4      <style>
5          .bg-blue {
6              background-color: #0000ff;
7              color: #ffffff;
8          }
9          .bg-green {
10             background-color: #00ff00;
11         }
12         .inline-element {
13             display: inline;
14         }
15     </style>
16   </head>
17   <body>
18     <div class="bg-blue inline-element">
19         Div is a blocking element but we can override it.
20     </div>
21     <span class="bg-green">Span is a non blocking element.</span>
22   </body>
23 </html>
```

Div is a blocking element but we can override it. Span is a non blocking element.

Display: inline-block;

- Takes the needed size for content.
- Takes width/height.

```html
<html>
  <head>
    <title>Display</title>
    <style>
        .bg-blue {
            background-color: #0000ff;
            color: #ffffff;
        }
        .bg-green {
            background-color: #00ff00;
        }
        .inline-block-element {
            display: inline-block;
            width: 200px;
        }
    </style>
  </head>
  <body>
    <span class="bg-blue">Span is a non blocking element.</span>
    <span class="bg-green inline-block-element">
      Span is a non blocking element, but takes width.
    </span>
    <span class="bg-blue">Span is a non blocking element.</span>
  </body>
</html>
```

Span is a non blocking element. Span is a non blocking element, but takes width. Span is a non blocking element.