

CSS

CSS FUNDAMENTALS

CONTENT

Text

Font property



IN A ROCKET

Learn front-end development at rocket speed.

**FONT
FAMILY**

**FONT
SIZE**

**LINE
HEIGHT**

**FONT
STYLE**

**FONT
VARIANT**

**FONT
WEIGHT**

**FONT
FAMILY**

**FONT
SIZE**

**LINE
HEIGHT**

**FONT
STYLE**

**FONT
VARIANT**

**FONT
WEIGHT**

FONT-FAMILY

The **font-family** property specifies a prioritized list of one or more font family names and/or generic family names for the selected element.

p {**font-family**: Helvetica, Arial, sans-serif;}
Preferred font family First alternative Second alternative

Family name

Generic family

- serif
- sans-serif
- cursive
- fantasy
- monospace

FONT-FAMILY

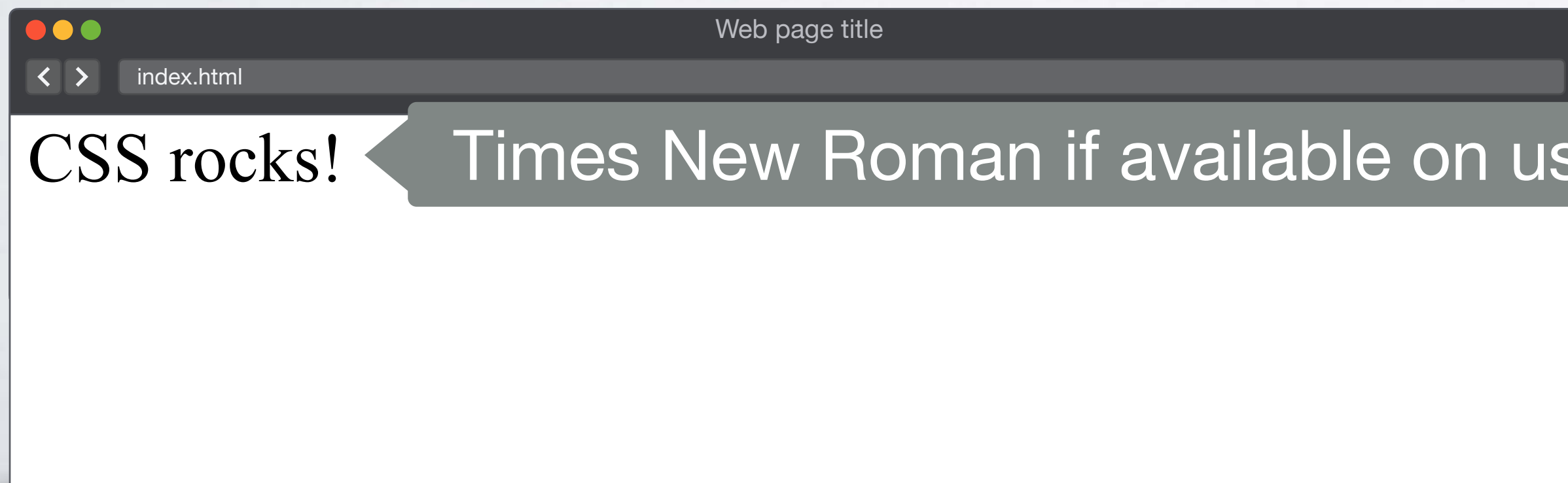
HTML

```
<body>  
<p>CSS rocks!</p>  
</body>
```

CSS

```
p { font-family: "Times New Roman",  
Georgia, Serif; }
```

Browser



Times New Roman if available on user's device

**FONT
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FONT-SIZE

ABSOLUTE SIZE VALUES

p { **font-size**: medium; }

- xx-small
- x-small
- small
- medium
- large
- x-large
- xx-large

RELATIVE SIZE VALUES

p { **font-size**: larger; }

- larger
- smaller

LENGTH VALUES

p { **font-size**: 1.2rem; }

- | Absolute units: | Relative units: |
|-----------------|-----------------|
| • px | • % |
| • pt | • em |
| • pc | • rem |
| • mm | • ch |
| • cm | • ex |
| • in | • vw |
| | • vh |
| | • vmin |
| | • vmax |

PERCENTAGE VALUES

p { **font-size**: 80%; }

Relative to the parent element's font size

**FONT
FAMILY**

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LEADING

Term used in typography

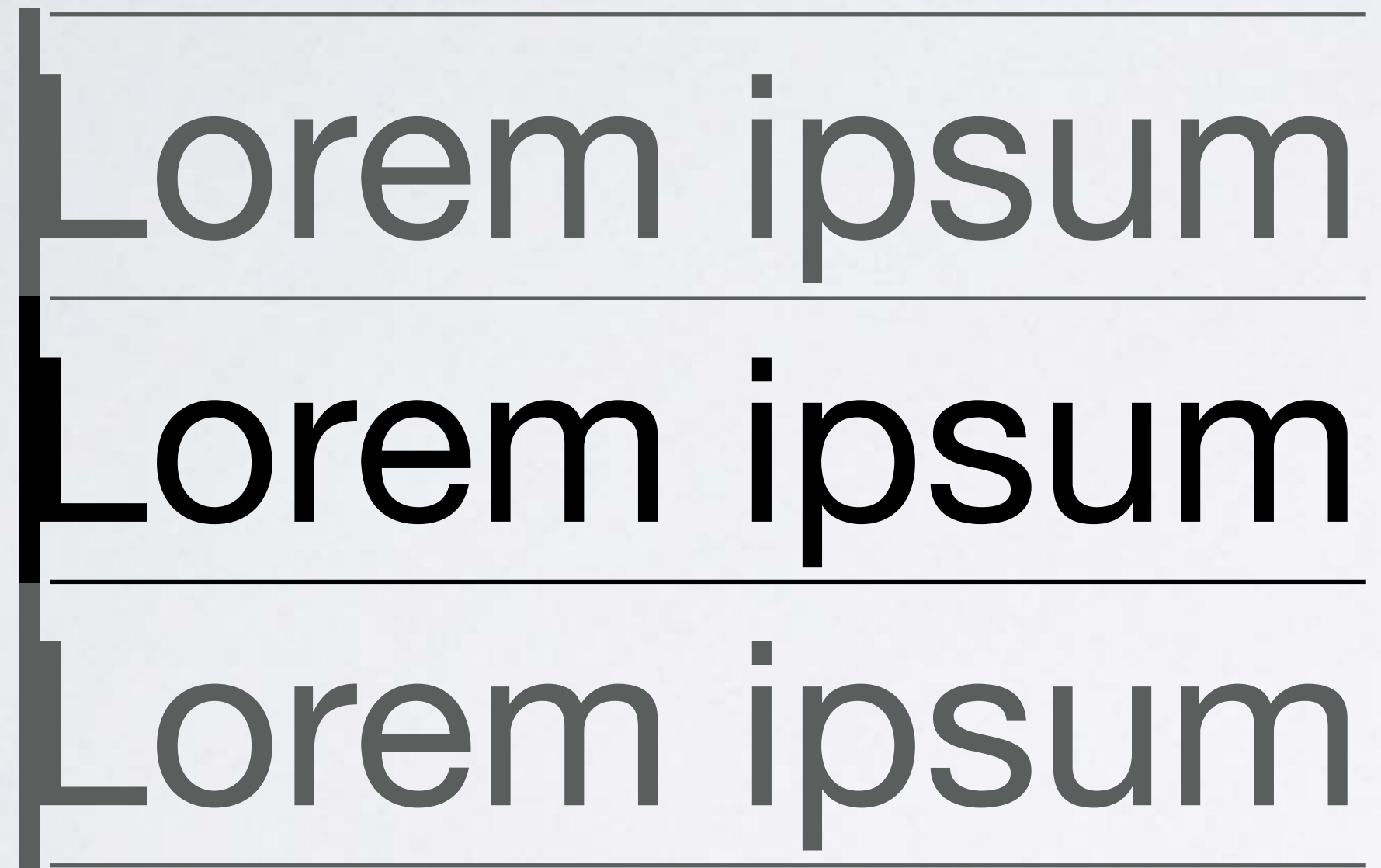


Diagram illustrating leading (line spacing) in typography. Three lines of text, each reading "Lorem ipsum", are shown. The vertical distance between the baselines of the lines is highlighted by a vertical line on the left, demonstrating the spacing between lines of text.

LINE HEIGHT

Term used in CSS

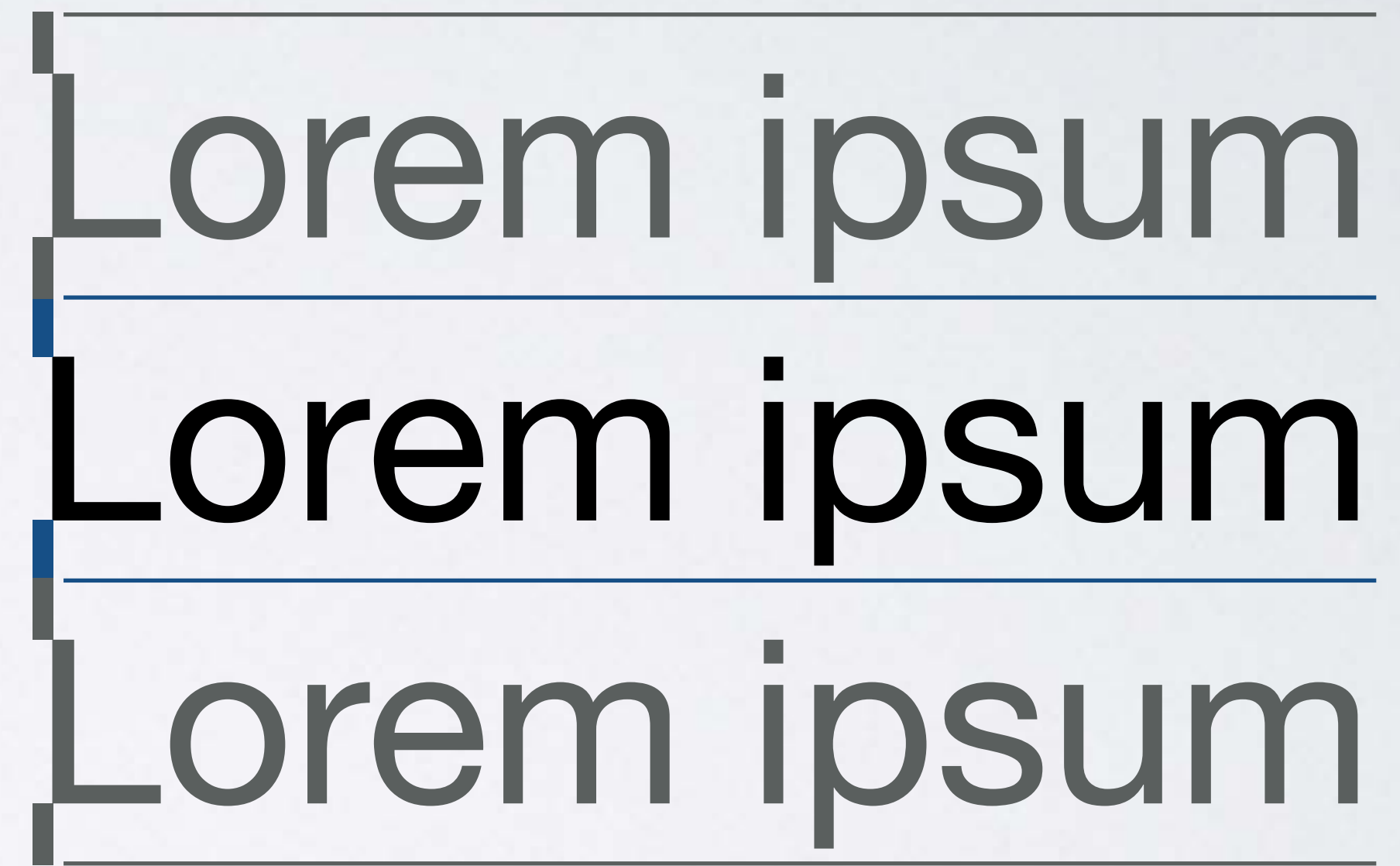


Diagram illustrating line height in CSS. Three lines of text, each reading "Lorem ipsum", are shown. The vertical distance between the baselines of the lines is highlighted by a vertical line on the left, demonstrating the spacing between lines of text. A blue vertical line segment on the left indicates the line height.

LINE-HEIGHT

Takes the font-size value and multiplies it by 2.5

```
p { line-height: normal; }  
                2.5  
                1.6em  
                120%
```

Use a minimum value of 1.5 for line-height for main paragraph content.

This will help people experiencing low vision conditions, as well as people with cognitive concerns such as Dyslexia.

**FONT
FAMILY**

**FONT
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**LINE
HEIGHT**

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**FONT
VARIANT**

**FONT
WEIGHT**

p { **font-style**: normal; }

italic

oblique

Italic font faces are generally cursive in nature, usually using less horizontal space than their unstyled counterparts.

Oblique faces are usually just sloped versions of the regular face.

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**LINE
HEIGHT**

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**FONT
VARIANT**

**FONT
WEIGHT**

```
p { font-variant: normal;  
      small-caps
```

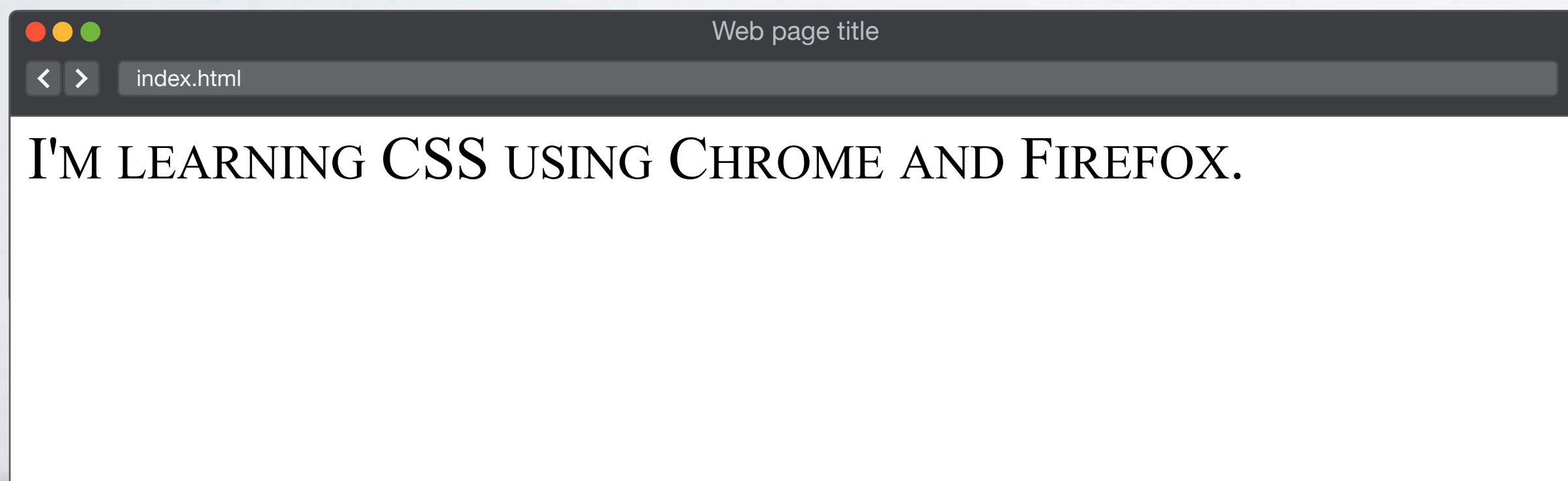
HTML

```
<body>  
<p>I'm learning CSS using Chrome and  
Firefox</p>  
</body>
```

CSS

```
p { font-variant: small-caps; }
```

Browser



**FONT
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VARIANT**

**FONT
WEIGHT**

```
p { font-weight: 700; }
```

Basic:

- normal
- bold

Relative to the parent:

- lighter
- bolder

Numeric:

- | | |
|---------------------|---------------------|
| • 100 (thin) | • 600 (semi bold) |
| • 200 (extra light) | • 700 (bold) |
| • 300 (light) | • 800 (extra bold) |
| • 400 (normal) | • 900 (black) |
| • 500 (medium) | • 950 (extra black) |

The weights available depend on the font-family you are using.

**FONT
FAMILY**



**FONT
SIZE**



**LINE
HEIGHT**



**FONT
STYLE**



**FONT
VARIANT**



**FONT
WEIGHT**



FONT SHORTHAND

~ ~ ~

FONT SHORTHAND

```
p { font:
    font-style
    font-variant
    font-weight
    Required font-size/line-height
    Required font-family;
}
```

Mnemonic tip: Stay Vigilant When Styling Fonts.

EXAMPLE

```
p { font: italic small-caps normal 2rem/150% Arial, Helvetica, sans-serif; }
```

style variant weight size line height family

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