

Converting Colors

RGB(199, 104, 110)

Have a look what the booklet for
RGB(199, 104, 110) contains.

RGB(199, 104, 110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(199, 104, 110)

Conversions

Conversions Part 1

Format	Color
Hex	C7686E
RGB	199, 104, 110
RGB Percent	78%, 41%, 43%
CMY	0.2196, 0.5922, 0.5686
CMYK	0.00, 0.48, 0.45, 0.22
HSL	356°, 46%, 59%
HSV	356°, 48%, 78%
XYZ	31.3180, 23.1685, 17.5732
YIQ	133.0890, 54.6940, 22.0060

Conversions

Conversions Part 2

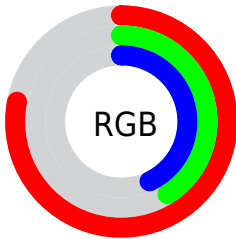
Format	Color
RYB	199, 104, 110
Decimal	13068398
CIELab	55.25, 38.25, 13.95
CIElCh	55, 40.717, 20.030
Yxy	23.1685, 0.4346, 0.3215
Android (android.graphics.Color)	4291258478 (0xFFC7686E)
YUV	133.0890, -11.3829, 57.8039
Hunter-Lab	48.1337, 31.9062, 12.0473

Details

The RGB color **199, 104, 110** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **104, 199, 193**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 157, 161**, and **141, 53, 63** is the 20% darker color. If you saturate the color by 10%, you get **199, 84, 91**, and if you desaturate by 10%, it is **199, 124, 129**.

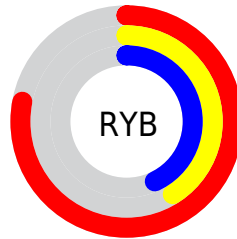
Distribution



Red (78%)

Green (41%)

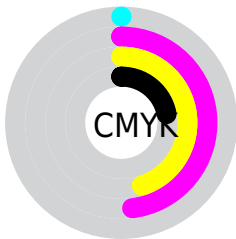
Blue (43%)



Red (78%)

Yellow (41%)

Blue (43%)

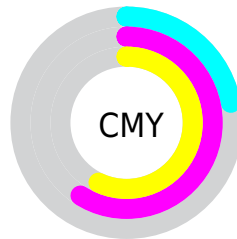


Cyan (0%)

Magenta (48%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (59%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 104, 110 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 199, 104, 110 by changing the saturation by 10% instead.

 199, 104, 110

255, 255, 255

 255, 157, 161

 255, 185, 188

 255, 213, 216

 255, 242, 245

 199, 104, 110

 170, 78, 86

 141, 53, 63

 113, 27, 41

 86, 0, 21

 60, 0, 0


 31, 0, 1

 0, 0, 0

 199, 104, 110

 199, 84, 91

 199, 104, 110

 199, 124, 129

 199, 64, 73

 199, 144, 147

 199, 44, 54

 199, 164, 166

 199, 24, 35

 199, 184, 185

 199, 4, 17

 199, 204, 203

 199, 0, 13

 199, 223, 222

 199, 243, 241

 199, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192, 104, 146



199, 104, 110



188, 113, 79

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



199, 104, 110



89, 145, 85



34, 139, 201

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



199, 104, 110



104, 199, 193

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 147, 185



199, 104, 110



21, 150, 119

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199, 104, 110



130, 138, 63



0, 150, 155



116, 128, 199

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199, 104, 110



173, 122, 66



0, 150, 155



0, 142, 198

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



199, 104, 110



255, 219, 222



193, 104, 199



128, 106, 107



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



199, 104, 110



255, 110, 119



199, 145, 104



99, 90, 90



163, 0, 10



36, 0, 2

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



199, 104, 110



255, 110, 119



104, 158, 199



99, 90, 90



163, 0, 10



36, 0, 2

Previews

White Background



This preview shows how the RGB color 199, 104, 110 looks on a white background.

Color Contrast Check

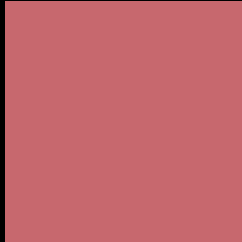
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 199, 104, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 199, 104, 110 Background



This preview shows how black text looks on a background with the RGB color 199, 104, 110.



This preview shows how white text looks on a background with the RGB color 199, 104, 110.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
199, 104, 111

Trichromacy



Original Color

199, 104, 110

Protanomaly

160, 122, 119

Deuteranomaly

171, 119, 107

Tritanomaly

199, 104, 111

Monochromacy



Original Color

199, 104, 110

Achromatopsia

133, 133, 133

Achromatomaly

157, 122, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 104, 110 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 104, 110)` looks like.

```
.text, #text, p{  
    color:rgb(199, 104, 110)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 104, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 104, 110) }
```

Border

The CSS property to change the border of an element to RGB 199, 104, 110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 104, 110) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 104, 110) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 104, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 104, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 104, 110);  
box-shadow:4px 4px 4px 4px rgb(199, 104,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 199, 104, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 104, 110) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
104, 110) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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