

Converting Colors

RGB(193, 110, 129)

Have a look what the booklet for
RGB(193, 110, 129) contains.

RGB(193, 110, 129)	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(193, 110, 129)

Conversions

Conversions Part 1

Format	Color
Hex	C16E81
RGB	193, 110, 129
RGB Percent	76%, 43%, 51%
CMY	0.2431, 0.5686, 0.4941
CMYK	0.00, 0.43, 0.33, 0.24
HSL	346°, 40%, 59%
HSV	346°, 43%, 76%
XYZ	31.5307, 24.0743, 23.7538
YIQ	136.9830, 43.3690, 23.5050

Conversions

Conversions Part 2

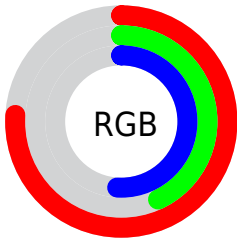
Format	Color
R_{YB}	193, 110, 129
Decimal	12676737
CIE Lab	56.16, 35.08, 4.02
CIE LCh	56, 35.313, 6.535
Yxy	24.0743, 0.3973, 0.3034
Android (android.graphics.Color)	4290866817 (0xFFC16E81)
YUV	136.9830, -3.9356, 49.1269
Hunter-Lab	49.0656, 28.8436, 5.6422

Details

The RGB color **193, 110, 129** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **110, 193, 174**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **251, 163, 182**, and **137, 60, 80** is the 20% darker color. If you saturate the color by 10%, you get **193, 91, 114**, and if you desaturate by 10%, it is **193, 129, 144**.

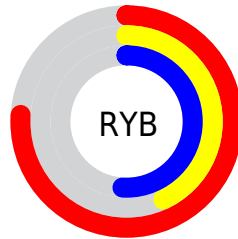
Distribution



Red (76%)

Green (43%)

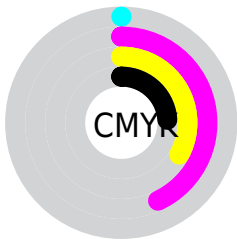
Blue (51%)



Red (76%)

Yellow (43%)

Blue (51%)

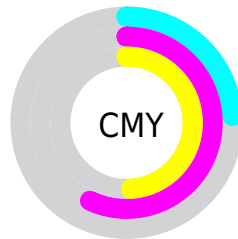


Cyan (0%)

Magenta (43%)

Yellow (33%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 110, 129 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 193, 110, 129 by changing the saturation by 10% instead.

 193, 110, 129

255, 255, 255

 251, 163, 182

 255, 191, 209

 255, 219, 238

 255, 248, 255

 193, 110, 129

 165, 85, 104

 137, 60, 80

 110, 35, 57


 83, 7, 36

 58, 0, 14

 32, 0, 1

 0, 0, 0

 193, 110, 129

 193, 91, 114

 193, 110, 129

 193, 129, 144

 193, 71, 99

 193, 149, 159

 193, 52, 84

 193, 168, 174

 193, 33, 69

 193, 187, 189

 193, 14, 55

 193, 207, 203

 193, 0, 44

 193, 226, 218

 193, 245, 233

 193, 255, 248

 193, 255, 255

Harmonies

Analogous

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



178, 114, 160



193, 110, 129



191, 114, 100

Triad

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



193, 110, 129



115, 144, 84



31, 144, 190

Complementary

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



193, 110, 129



110, 193, 174

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, 149, 170



193, 110, 129



76, 149, 109

Square

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



193, 110, 129



148, 135, 73



13, 151, 141



99, 135, 195

Rectangle

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



193, 110, 129



181, 121, 84



13, 151, 141



0, 146, 185

Sweetspot

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



193, 110, 129



250, 217, 225



174, 110, 193



125, 105, 110



252, 252, 252



125, 125, 125

Same Dimension

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



193, 110, 129



250, 120, 150



193, 132, 110



97, 87, 89



161, 0, 37



33, 0, 8

Inverse Universe

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



193, 110, 129



250, 120, 150



110, 171, 193



97, 87, 89



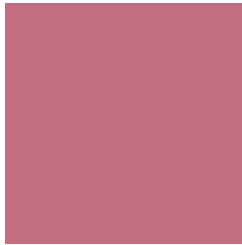
161, 0, 37



33, 0, 8

Previews

White Background



This preview shows how the RGB color 193, 110, 129 looks on a white background.

Color Contrast Check

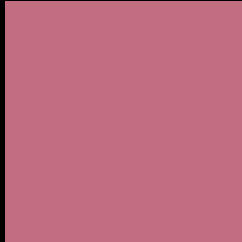
Large Text (above 18pt) WCAG AA ✓ Pass

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 193, 110, 129 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 193, 110, 129 Background



This preview shows how black text looks on a background with the RGB color 193, 110, 129.



This preview shows how white text looks on a background with the RGB color 193, 110, 129.

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



Original Color
193, 110, 129

Protanopia
135, 134, 143

Deuteranopia
152, 130, 125



Tritanopia
192, 112, 120

Trichromacy



Original Color

193, 110, 129

Protanomaly

156, 125, 138

Deuteranomaly

167, 123, 126

Tritanomaly

192, 111, 123

Monochromacy



Original Color

193, 110, 129

Achromatopsia

137, 137, 137

Achromatomaly

157, 127, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 110, 129 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(193, 110, 129)` looks like.

```
.text, #text, p{  
    color:rgb(193, 110, 129)  
}
```

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(193, 110, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 110, 129) }
```

Border

The CSS property to change the border of an element to RGB 193, 110, 129 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(193, 110, 129) }
```

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

```
.border{ border-color:rgb(193, 110, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 110, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 110, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 110, 129); box-shadow:4px 4px 4px 4px rgb(193, 110, 129) }
```

Background

The CSS property to change the background color of an element to RGB 193, 110, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 110, 129) }
```

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

```
.background{ background-color: rgb(193,  
110, 129) }
```

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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