

Converting Colors

RGB(195, 117, 117)

Have a look what the booklet for
RGB(195, 117, 117) contains.

RGB(195, 117, 117)	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(195, 117, 117)

Conversions

Conversions Part 1

Format	Color
Hex	C37575
RGB	195, 117, 117
RGB Percent	76%, 46%, 46%
CMY	0.2353, 0.5412, 0.5412
CMYK	0.00, 0.40, 0.40, 0.24
HSL	0°, 39%, 61%
HSV	0°, 40%, 76%
XYZ	32.0779, 25.6090, 20.0820
YIQ	140.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

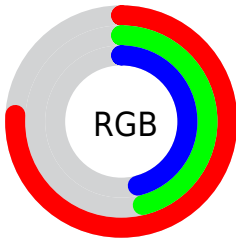
Format	Color
RYB	195, 117, 117
Decimal	12809589
CIELab	57.66, 30.60, 13.16
CIELCh	58, 33.311, 23.275
Yxy	25.6090, 0.4125, 0.3293
Android (android.graphics.Color)	4290999669 (0xFFC37575)
YUV	140.3220, -11.4977, 47.9526
Hunter-Lab	50.6054, 24.5886, 11.8954

Details

The RGB color **195, 117, 117** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **117, 195, 195**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **254, 170, 169**, and **139, 67, 69** is the 20% darker color. If you saturate the color by 10%, you get **195, 98, 98**, and if you desaturate by 10%, it is **195, 136, 136**.

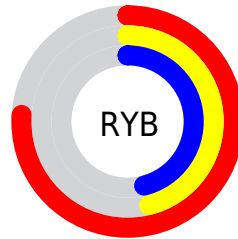
Distribution



Red (76%)

Green (46%)

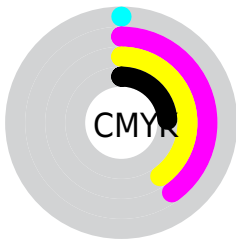
Blue (46%)



Red (76%)

Yellow (46%)

Blue (46%)

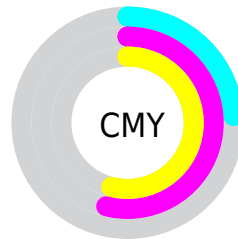


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (24%)



Cyan (24%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 117, 117 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 195, 117, 117 by changing the saturation by 10% instead.

 195, 117, 117

255, 255, 255

 254, 170, 169

 255, 198, 196

 255, 226, 224

255, 255, 253


 195, 117, 117

 195, 98, 98

 195, 117, 117

 167, 92, 92

 139, 67, 69

 111, 43, 47

 85, 19, 26

 59, 0, 0

 34, 0, 1

 0, 0, 0

 195, 117, 117

 195, 136, 136

 195, 78, 78

 195, 156, 156

 195, 59, 59

 195, 176, 176

 195, 39, 39

 195, 195, 195

 195, 19, 19

 195, 215, 215

 195, 0, 0

 195, 234, 234

 195, 254, 254

 195, 255, 255

Harmonies

Analogous

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



190, 116, 146



195, 117, 117



185, 124, 93

Triad

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



195, 117, 117



101, 150, 103



84, 143, 196

Complementary

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



195, 117, 117



117, 195, 195

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.



24, 150, 184



195, 117, 117



61, 154, 131

Square

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



195, 117, 117



134, 144, 84



5, 154, 160



132, 133, 192

Rectangle

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



195, 117, 117



172, 131, 83



5, 154, 160



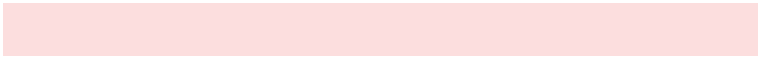
65, 146, 194

Sweetspot

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



195, 117, 117



252, 222, 222



195, 117, 195



128, 110, 110



0, 0, 0



128, 128, 128

Same Dimension

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



195, 117, 117



252, 131, 131



195, 156, 117



97, 87, 87



161, 0, 0



33, 0, 0

Inverse Universe

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



117, 195, 195



131, 252, 252



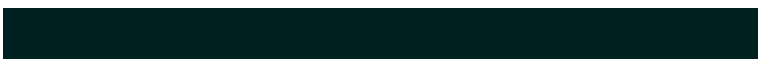
117, 156, 195



87, 97, 97



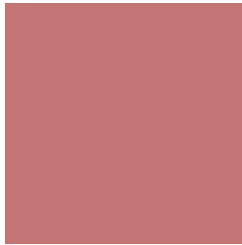
0, 161, 161



0, 33, 33

Previews

White Background



This preview shows how the RGB color 195, 117, 117 looks on a white background.

Color Contrast Check

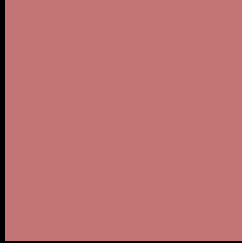
Large Text (above 18pt) WCAG AA ✓ Pass

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 195, 117, 117 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 195, 117, 117 Background



This preview shows how black text looks on a background with the RGB color 195, 117, 117.



This preview shows how white text looks on a background with the RGB color 195, 117, 117.

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
195, 117, 117

Protanopia
144, 138, 128

Deuteranopia
161, 134, 114



Tritanopia
196, 116, 124

Trichromacy



Original Color
195, 117, 117

Protanomaly
163, 130, 124

Deuteranomaly
173, 128, 115

Tritanomaly
196, 116, 121

Monochromacy



Original Color
195, 117, 117

Achromatopsia
140, 140, 140

Achromatomaly
160, 132, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 117, 117 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(195, 117, 117)` looks like.

```
.text, #text, p{  
    color:rgb(195, 117, 117)  
}
```

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(195, 117, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 117, 117) }
```

Border

The CSS property to change the border of an element to RGB 195, 117, 117 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(195, 117, 117) }
```

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

```
.border{ border-color:rgb(195, 117, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 117, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 117, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 117, 117);  
box-shadow:4px 4px 4px 4px rgb(195, 117,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 195, 117, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 117, 117) }
```

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

```
.background{ background-color: rgb(195,  
117, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor