

Converting Colors

RGB(197, 118, 175)

Have a look what the booklet for
RGB(197, 118, 175) contains.

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Color

RGB(197, 118, 175)

Conversions

Conversions Part 1

Format	Color
Hex	C576AF
RGB	197, 118, 175
RGB Percent	77%, 46%, 69%
CMY	0.2275, 0.5373, 0.3137
CMYK	0.00, 0.40, 0.11, 0.23
HSL	317°, 41%, 62%
HSV	317°, 40%, 77%
XYZ	37.2423, 27.9223, 43.9841
YIQ	148.1190, 28.7870, 34.4750

Conversions

Conversions Part 2

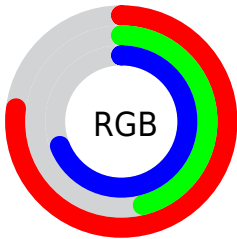
Format	Color
RYB	197, 118, 175
Decimal	12940975
CIELab	59.82, 39.07, -17.12
CIELCh	60, 42.661, 336.335
Yxy	27.9223, 0.3412, 0.2558
Android (android.graphics.Color)	4291131055 (0xFFC576AF)
YUV	148.1190, 13.2523, 42.8686
Hunter-Lab	52.8416, 33.3324, -12.3625

Details

The RGB color **197, 118, 175** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **118, 197, 140**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 172, 231**, and **142, 67, 122** is the 20% darker color. If you saturate the color by 10%, you get **197, 98, 170**, and if you desaturate by 10%, it is **197, 138, 180**.

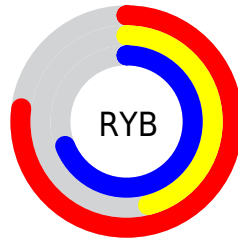
Distribution



Red (77%)

Green (46%)

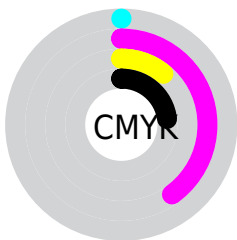
Blue (69%)



Red (77%)

Yellow (46%)

Blue (69%)

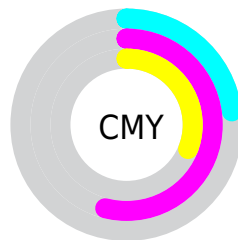


Cyan (0%)

Magenta (40%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 197, 118, 175 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 197, 118, 175 by changing the saturation by 10% instead.

 197, 118, 175

255, 255, 255

 255, 172, 231


 255, 199, 255

 255, 228, 255

 197, 118, 175

 169, 92, 148

 142, 67, 122

 115, 42, 97

 89, 15, 74

 64, 0, 51

 43, 0, 30

 0, 0, 0

 197, 118, 175

 197, 98, 170

 197, 118, 175

 197, 138, 180

197, 79, 164

197, 157, 186

197, 59, 159

197, 177, 191

197, 39, 153

197, 197, 197

197, 20, 148

197, 217, 202

197, 0, 142

197, 236, 208

197, 255, 213

197, 255, 219

197, 255, 224

Harmonies

Analogous

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



158, 131, 205



197, 118, 175



214, 113, 138

Triad

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



197, 118, 175



159, 145, 67



0, 162, 187

Complementary

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



197, 118, 175



118, 197, 140

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, 163, 151



197, 118, 175



119, 155, 82

Square

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



197, 118, 175



191, 131, 75



68, 161, 113



0, 156, 212

Rectangle

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



197, 118, 175



214, 116, 113



68, 161, 113



0, 163, 176

Sweetspot

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



197, 118, 175



255, 224, 246



139, 118, 197



128, 110, 123



0, 0, 0



128, 128, 128

Same Dimension

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



197, 118, 175



255, 133, 221



197, 118, 136



99, 90, 97



163, 0, 118



36, 0, 26

Inverse Universe

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



197, 118, 175



255, 133, 221



118, 197, 179



99, 90, 97



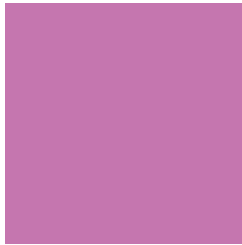
163, 0, 118



36, 0, 26

Previews

White Background



This preview shows how the RGB color 197, 118, 175 looks on a white background.

Color Contrast Check

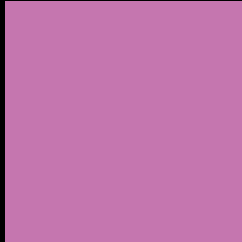
Large Text (above 18pt) WCAG AA ✓ Pass

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 197, 118, 175 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 197, 118, 175 Background



This preview shows how black text looks on a background with the RGB color 197, 118, 175.

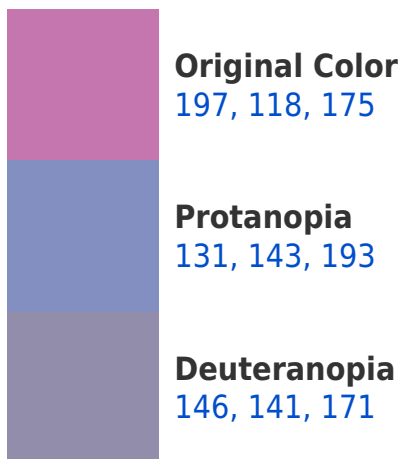


This preview shows how white text looks on a background with the RGB color 197, 118, 175.

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
192, 126, 135

Trichromacy



Original Color

197, 118, 175



Protanomaly

155, 134, 186



Deuteranomaly

165, 133, 172



Tritanomaly

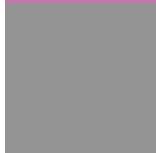
194, 123, 150

Monochromacy



Original Color

197, 118, 175



Achromatopsia

148, 148, 148



Achromatomaly

166, 137, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 118, 175 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(197, 118, 175)` looks like.

```
.text, #text, p{  
    color:rgb(197, 118, 175)  
}
```

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(197, 118, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 118, 175) }
```

Border

The CSS property to change the border of an element to RGB 197, 118, 175 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(197, 118, 175) }
```

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

```
.border{ border-color:rgb(197, 118, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 118, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 118, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 118, 175);  
box-shadow:4px 4px 4px 4px rgb(197, 118,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 197, 118, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 118, 175) }
```

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

```
.background{ background-color: rgb(197,  
118, 175) }
```

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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