

Converting Colors

RGB(211, 117, 202)

Have a look what the booklet for
RGB(211, 117, 202) contains.

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Color

RGB(211, 117, 202)

Conversions

Conversions Part 1

Format	Color
Hex	D375CA
RGB	211, 117, 202
RGB Percent	83%, 46%, 79%
CMY	0.1725, 0.5412, 0.2078
CMYK	0.00, 0.45, 0.04, 0.17
HSL	306°, 52%, 64%
HSV	306°, 45%, 83%
XYZ	43.8859, 30.8357, 59.5160
YIQ	154.7960, 28.7390, 46.3630

Conversions

Conversions Part 2

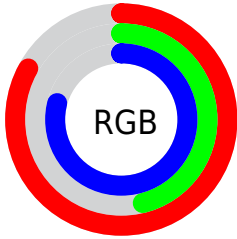
Format	Color
R _Y B	211, 117, 202
Decimal	13858250
CIE Lab	62.37, 48.66, -28.41
CIE LCh	62, 56.344, 329.723
Yxy	30.8357, 0.3269, 0.2297
Android (android.graphics.Color)	4292048330 (0xFFD375CA)
YUV	154.7960, 23.2716, 49.2909
Hunter-Lab	55.5299, 43.8932, -24.6750

Details

The RGB color **211, 117, 202** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **117, 211, 126**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 171, 255**, and **154, 64, 148** is the 20% darker color. If you saturate the color by 10%, you get **211, 96, 200**, and if you desaturate by 10%, it is **211, 138, 204**.

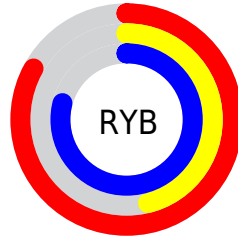
Distribution



Red (83%)

Green (46%)

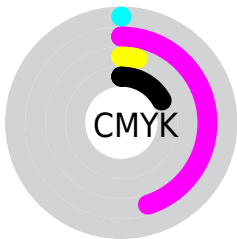
Blue (79%)



Red (83%)

Yellow (46%)

Blue (79%)

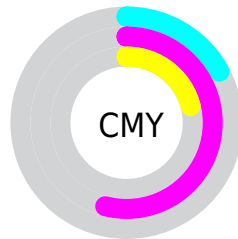


Cyan (0%)

Magenta (45%)

Yellow (4%)

Black (17%)



Cyan (17%)

Magenta (54%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 211, 117, 202 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 211, 117, 202 by changing the saturation by 10% instead.

 211, 117, 202

255, 255, 255

 255, 171, 255

 255, 200, 255

 255, 228, 255

 211, 117, 202

 182, 91, 174

 154, 64, 148

 127, 37, 122

 100, 1, 97

 74, 0, 72

 51, 0, 50

 20, 0, 28

 0, 0, 0

 211, 117, 202

 211, 117, 202

■ 211, 96, 200

■ 211, 138, 204

■ 211, 75, 198

■ 211, 159, 206

■ 211, 54, 196

■ 211, 180, 208

■ 211, 33, 194

■ 211, 201, 210

■ 211, 12, 192

■ 211, 223, 212

■ 211, 0, 191

■ 211, 244, 214

■ 211, 255, 216

■ 211, 255, 218

■ 211, 255, 220

Harmonies

Analogous

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



151, 138, 238



211, 117, 202



239, 105, 153

Triad

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



211, 117, 202



178, 148, 43



0, 174, 199

Complementary

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



211, 117, 202



117, 211, 126

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, 175, 149



211, 117, 202



128, 162, 58

Square

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



211, 117, 202



217, 129, 64



56, 171, 98



0, 169, 236

Rectangle

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



211, 117, 202



242, 107, 120



56, 171, 98



0, 175, 183

Sweetspot

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



211, 117, 202



255, 222, 252



125, 117, 211



128, 107, 126



0, 0, 0



128, 128, 128

Same Dimension

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



211, 117, 202



255, 120, 242



211, 117, 156



105, 94, 104



168, 0, 152



41, 0, 37

Inverse Universe

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



211, 117, 202



255, 120, 242



117, 211, 172



105, 94, 104



168, 0, 152



41, 0, 37

Previews

White Background



This preview shows how the RGB color 211, 117, 202 looks on a white background.

Color Contrast Check

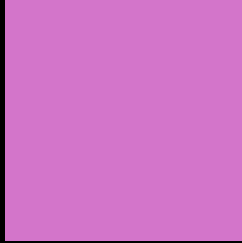
Large Text (above 18pt) WCAG AA × Fail

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 211, 117, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

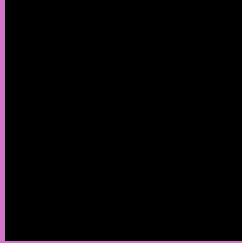
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 211, 117, 202 Background



This preview shows how black text looks on a background with the RGB color 211, 117, 202.



This preview shows how white text looks on a background with the RGB color 211, 117, 202.

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
211, 117, 202

Protanopia
124, 149, 227

Deuteranopia
142, 149, 196



Tritanopia
204, 131, 140

Trichromacy



Original Color

211, 117, 202



Protanomaly

156, 137, 218



Deuteranomaly

167, 137, 198



Tritanomaly

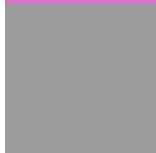
207, 126, 163

Monochromacy



Original Color

211, 117, 202



Achromatopsia

155, 155, 155



Achromatomaly

175, 141, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 117, 202 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(211, 117, 202)` looks like.

```
.text, #text, p{  
    color:rgb(211, 117, 202)  
}
```

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(211, 117, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 117, 202) }
```

Border

The CSS property to change the border of an element to RGB 211, 117, 202 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(211, 117, 202) }
```

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

```
.border{ border-color:rgb(211, 117, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 117, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 117, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 117, 202);  
box-shadow:4px 4px 4px 4px rgb(211, 117,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 211, 117, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 117, 202) }
```

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

```
.background{ background-color: rgb(211,  
117, 202) }
```

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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