

Converting Colors

RGB(205, 137, 211)

Have a look what the booklet for
RGB(205, 137, 211) contains.

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Color

RGB(205, 137, 211)

Conversions

Conversions Part 1

Format	Color
Hex	CD89D3
RGB	205, 137, 211
RGB Percent	80%, 54%, 83%
CMY	0.1961, 0.4627, 0.1725
CMYK	0.03, 0.35, 0.00, 0.17
HSL	295°, 46%, 68%
HSV	295°, 35%, 83%
XYZ	45.8804, 35.5736, 66.0762
YIQ	165.7680, 16.7740, 37.4300

Conversions

Conversions Part 2

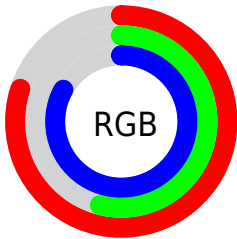
Format	Color
R _Y B	205, 137, 211
Decimal	13470163
CIE Lab	66.19, 37.94, -27.61
CIE LCh	66, 46.928, 323.953
Yxy	35.5736, 0.3110, 0.2411
Android (android.graphics.Color)	4291660243 (0xFFCD89D3)
YUV	165.7680, 22.2994, 34.4065
Hunter-Lab	59.6436, 32.9334, -23.9340

Details

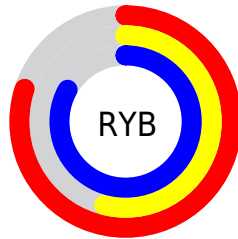
The RGB color **205, 137, 211** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **143, 211, 137**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 191, 255**, and **150, 85, 156** is the 20% darker color. If you saturate the color by 10%, you get **203, 116, 211**, and if you desaturate by 10%, it is **207, 158, 211**.

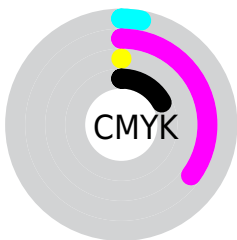
Distribution



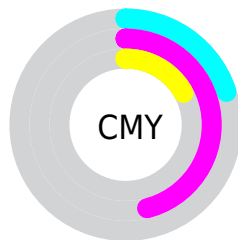
- Red (80%)
- Green (54%)
- Blue (83%)



- Red (80%)
- Yellow (54%)
- Blue (83%)



- Cyan (3%)
- Magenta (35%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RGB color 205, 137, 211 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 205, 137, 211 by changing the saturation by 10% instead.

 205, 137, 211

 205, 137, 211

255, 255, 255

 177, 111, 183

 255, 191, 255

 150, 85, 156

 255, 220, 255

 123, 61, 130

 255, 248, 255

 97, 36, 105

 72, 9, 80

 47, 0, 57

 24, 0, 35

 0, 0, 9

 0, 0, 0

■ 205, 137, 211

■ 205, 137, 211

■ 203, 116, 211

■ 207, 158, 211

■ 202, 95, 211

■ 208, 179, 211

■ 200, 74, 211

■ 210, 200, 211

■ 198, 53, 211

■ 212, 221, 211

■ 196, 31, 211

■ 214, 243, 211

■ 195, 10, 211

■ 215, 255, 211

■ 194, 0, 211

■ 217, 255, 211

■ 219, 255, 211

■ 220, 255, 211

Harmonies

Analogous

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



151, 153, 238



205, 137, 211



235, 126, 171

Triad

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



205, 137, 211



194, 156, 75



0, 182, 194

Complementary

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



205, 137, 211



143, 211, 137

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, 182, 151



205, 137, 211



152, 169, 81

Square

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



205, 137, 211



225, 140, 94



102, 178, 110



0, 178, 228

Rectangle

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



205, 137, 211



241, 126, 143



102, 178, 110



0, 183, 180

Sweetspot

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



205, 137, 211



253, 227, 255



137, 143, 211



126, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 137, 211



246, 148, 255



211, 137, 180



104, 94, 105



155, 0, 168



37, 0, 41

Inverse Universe

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



211, 137, 143



255, 148, 157



137, 211, 168



105, 94, 95



168, 0, 14



41, 0, 3

Previews

White Background



This preview shows how the RGB color 205, 137, 211 looks on a white background.

Color Contrast Check

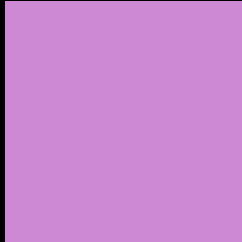
Large Text (above 18pt) WCAG AA × Fail

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 205, 137, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

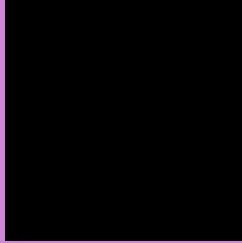
Any Text WCAG AA ✓ Pass

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 205, 137, 211 Background



This preview shows how black text looks on a background with the RGB color 205, 137, 211.

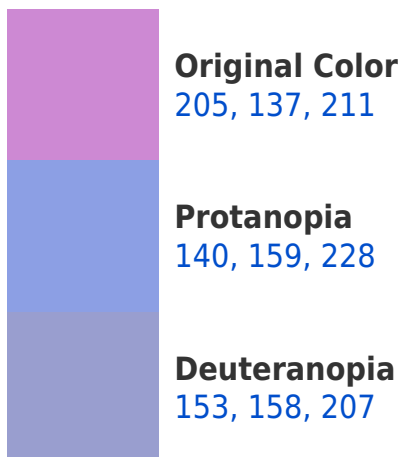


This preview shows how white text looks on a background with the RGB color 205, 137, 211.

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
198, 148, 159

Trichromacy



Original Color
205, 137, 211



Protanomaly
164, 151, 222



Deuteranomaly
172, 150, 208



Tritanomaly
201, 144, 178

Monochromacy



Original Color
205, 137, 211



Achromatopsia
166, 166, 166



Achromatomaly
180, 155, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 137, 211 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(205, 137, 211) looks like.

```
.text, #text, p{  
    color:rgb(205, 137, 211)  
}
```

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(205, 137, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 137, 211) }
```

Border

The CSS property to change the border of an element to RGB 205, 137, 211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

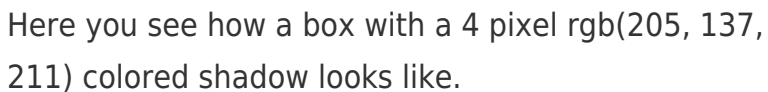
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 137, 211) }
```

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

```
.border{ border-color:rgb(205, 137, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 137, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 137, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 137, 211); box-shadow:4px 4px 4px 4px rgb(205, 137, 211) }
```

Background

The CSS property to change the background color of an element to RGB 205, 137, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 137, 211) }
```

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

```
.background{ background-color: rgb(205,  
137, 211) }
```

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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