

Converting Colors

RGB(197, 134, 235)

Have a look what the booklet for
RGB(197, 134, 235) contains.

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Color

RGB(197, 134, 235)

Conversions

Conversions Part 1

Format	Color
Hex	C586EB
RGB	197, 134, 235
RGB Percent	77%, 53%, 92%
CMY	0.2275, 0.4745, 0.0784
CMYK	0.16, 0.43, 0.00, 0.08
HSL	277°, 72%, 72%
HSV	277°, 43%, 92%
XYZ	46.5465, 34.9187, 82.8840
YIQ	164.3510, 5.1270, 44.7670

Conversions

Conversions Part 2

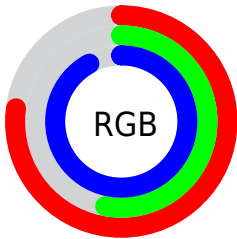
Format	Color
R_{YB}	197, 134, 235
Decimal	12945131
CIE _{Lab}	65.69, 42.02, -41.78
CIE _{LCh}	66, 59.254, 315.166
Yxy	34.9187, 0.2832, 0.2125
Android (android.graphics.Color)	4291135211 (0xFFC586EB)
YUV	164.3510, 34.8300, 28.6332
Hunter-Lab	59.0920, 37.1924, -41.7972

Details

The RGB color `197, 134, 235` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `172, 235, 134`, and the grayscale version is `164, 164, 164`.

A 20% lighter version of the original color is `255, 188, 255`, and `141, 82, 179` is the 20% darker color. If you saturate the color by 10%, you get `188, 111, 235`, and if you desaturate by 10%, it is `206, 158, 235`.

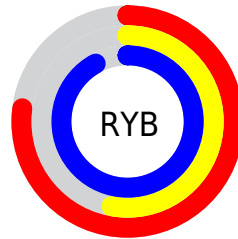
Distribution



Red (77%)

Green (53%)

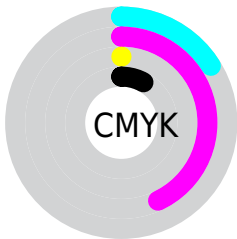
Blue (92%)



Red (77%)

Yellow (53%)

Blue (92%)

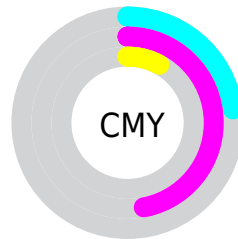


Cyan (16%)

Magenta (43%)

Yellow (0%)

Black (8%)



Cyan (23%)

Magenta (47%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 197, 134, 235 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, 134, 235 by changing the saturation by 10% instead.


 197, 134, 235

 197, 134, 235


255, 255, 255

 169, 108, 207

 255, 188, 255

 141, 82, 179

 255, 217, 255

 114, 58, 152

 255, 245, 255

 88, 33, 125

 62, 4, 100

 36, 0, 75

 8, 0, 52

 0, 2, 30

 0, 0, 0

■ 197, 134, 235

■ 197, 134, 235

■ 188, 111, 235

■ 206, 158, 235

■ 179, 87, 235

■ 215, 181, 235

■ 170, 64, 235

■ 224, 205, 235

■ 162, 40, 235

■ 232, 228, 235

■ 153, 17, 235

■ 241, 252, 235

■ 147, 0, 235

■ 250, 255, 235

■ 255, 255, 235

Harmonies

Analogous

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



111, 156, 255



197, 134, 235



243, 115, 188

Triad

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



197, 134, 235



210, 147, 51



0, 185, 186

Complementary

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



197, 134, 235



172, 235, 134

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, 184, 131



197, 134, 235



162, 165, 48

Square

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



197, 134, 235



244, 126, 86



102, 177, 80



0, 182, 234

Rectangle

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



197, 134, 235



255, 110, 152



102, 177, 80



0, 185, 167

Sweetspot

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



197, 134, 235



243, 222, 255



134, 173, 235



120, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 134, 235



205, 122, 255



235, 134, 223



113, 106, 117



113, 0, 181



33, 0, 54

Inverse Universe

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



235, 134, 172



255, 122, 172



134, 235, 146



117, 106, 110



181, 0, 68



54, 0, 20

Previews

White Background



This preview shows how the RGB color 197, 134, 235 looks on a white background.

Color Contrast Check

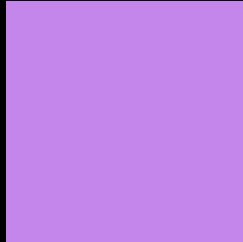
Large Text (above 18pt) WCAG AA × Fail

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 197, 134, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

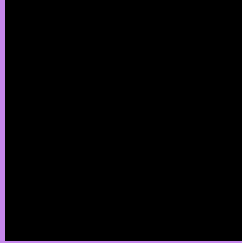
Any Text WCAG AA ✓ Pass

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 197, 134, 235 Background



This preview shows how black text looks on a background with the RGB color 197, 134, 235.

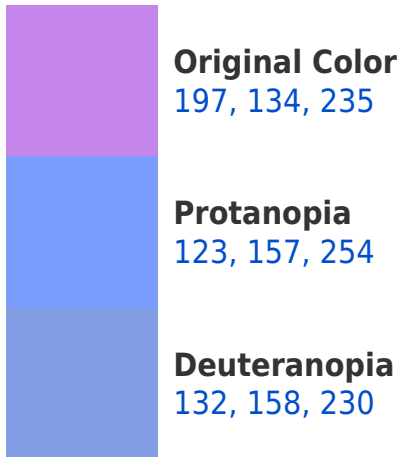


This preview shows how white text looks on a background with the RGB color 197, 134, 235.

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
185, 150, 162

Trichromacy



Original Color

197, 134, 235



Protanomaly

150, 149, 247



Deuteranomaly

156, 149, 232



Tritanomaly

189, 144, 189

Monochromacy



Original Color

197, 134, 235



Achromatopsia

164, 164, 164



Achromatomaly

176, 153, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 134, 235 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, 134, 235)` looks like.

```
.text, #text, p{  
    color:rgb(197, 134, 235)  
}
```

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, 134, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 134, 235) }
```

Border

The CSS property to change the border of an element to RGB 197, 134, 235 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, 134, 235) }
```

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

```
.border{ border-color:rgb(197, 134, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 134, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 134, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 134, 235);  
box-shadow:4px 4px 4px 4px rgb(197, 134,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 197, 134, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 134, 235) }
```

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

```
.background{ background-color: rgb(197,  
134, 235) }
```

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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