

# Converting Colors

RGB(207, 134, 164)

Have a look what the booklet for  
RGB(207, 134, 164) contains.

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# **Color**

**RGB(207, 134, 164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF86A4
RGB	207, 134, 164
RGB Percent	81%, 53%, 64%
CMY	0.1882, 0.4745, 0.3569
CMYK	0.00, 0.35, 0.21, 0.19
HSL	335°, 43%, 67%
HSV	335°, 35%, 81%
XYZ	40.9581, 32.9959, 39.3321
YIQ	159.2470, 33.8780, 24.8060

# Conversions

## Conversions Part 2

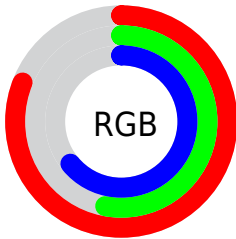
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 134, 164
Decimal	13600420
CIE Lab	64.16, 32.16, -4.24
CIE LCh	64, 32.433, 352.497
Yxy	32.9959, 0.3615, 0.2913
Android (android.graphics.Color)	4291790500 (0xFFCF86A4)
YUV	159.2470, 2.3432, 41.8794
Hunter-Lab	57.4421, 26.7526, -0.3879

# Details

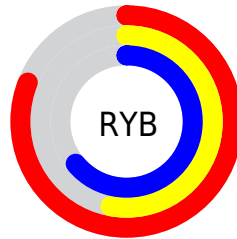
The RGB color **207, 134, 164** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **134, 207, 177**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 188, 219**, and **151, 83, 112** is the 20% darker color. If you saturate the color by 10%, you get **207, 113, 152**, and if you desaturate by 10%, it is **207, 155, 176**.

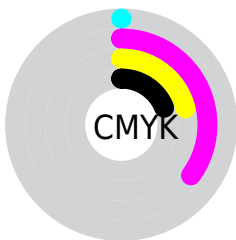
# Distribution



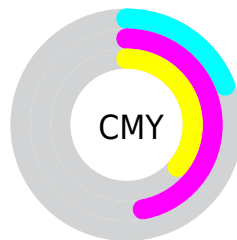
- Red (81%)
- Green (53%)
- Blue (64%)



- Red (81%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (19%)



- Cyan (19%)
- Magenta (47%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 207, 134, 164 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 207, 134, 164 by changing the saturation by 10% instead.



 207, 134, 164

255, 255, 255


 255, 188, 219


 255, 216, 247


 255, 245, 255

 207, 134, 164

 179, 108, 138

 151, 83, 112

 124, 58, 88


 98, 34, 65


 73, 8, 43


 49, 0, 22

 17, 0, 0

 0, 0, 0

 207, 134, 164

 207, 134, 164

 207, 113, 152

 207, 155, 176

 207, 93, 140

 207, 175, 188

 207, 72, 127

 207, 196, 201

 207, 51, 115

 207, 217, 213

 207, 30, 103

 207, 238, 225

 207, 10, 91

 207, 255, 237

 207, 0, 85

 207, 255, 249

 207, 255, 255

# Harmonies

## Analogous

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



185, 140, 191



207, 134, 164



213, 134, 135

# Triad

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



207, 134, 164



153, 160, 101



60, 168, 201

# Complementary

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



207, 134, 164



134, 207, 177

# 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.



53, 171, 177



207, 134, 164



119, 167, 119

# Square

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



207, 134, 164



182, 151, 98



84, 171, 147



103, 161, 212

# Rectangle

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



207, 134, 164



208, 139, 118



84, 171, 147



52, 169, 194



# Sweetspot

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



207, 134, 164



255, 227, 238



177, 134, 207



128, 111, 118



0, 0, 0



128, 128, 128



# Same Dimension

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



207, 134, 164



255, 148, 192



207, 140, 134



105, 94, 98



168, 0, 69



41, 0, 17



# Inverse Universe

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



207, 134, 164



255, 148, 192



134, 201, 207



105, 94, 98



168, 0, 69

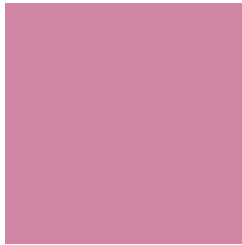


41, 0, 17



# Previews

## White Background



This preview shows how the RGB color 207, 134, 164 looks on a white background.

## Color Contrast Check

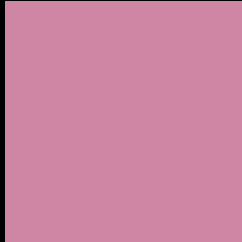
Large Text (above 18pt) WCAG AA × Fail

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 207, 134, 164 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 207, 134, 164 Background



This preview shows how black text looks on a background with the RGB color 207, 134, 164.



This preview shows how white text looks on a background with the RGB color 207, 134, 164.

# 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**  
207, 134, 164

**Protanopia**  
152, 155, 177

**Deuteranopia**  
169, 151, 161



**Tritanopia**  
205, 137, 147

# Trichromacy



**Original Color**  
207, 134, 164

**Protanomaly**  
172, 147, 172

**Deuteranomaly**  
183, 145, 162

**Tritanomaly**  
206, 136, 153

# Monochromacy



**Original Color**  
207, 134, 164

**Achromatopsia**  
159, 159, 159

**Achromatomaly**  
176, 150, 161

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 207, 134, 164 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(207, 134, 164) looks like.

```
.text, #text, p{  
    color:rgb(207, 134, 164)  
}
```

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(207, 134, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 134, 164) }
```

## Border

The CSS property to change the border of an element to RGB 207, 134, 164 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(207, 134, 164) }
```

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

```
.border{ border-color:rgb(207, 134, 164) }
```

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

Here you see how a box with a 4 pixel rgb(207, 134, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 134, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 134, 164);  
box-shadow:4px 4px 4px 4px rgb(207, 134,  
164) }
```

# Background

The CSS property to change the background color of an element to RGB 207, 134, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 134, 164) }
```

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

```
.background{ background-color: rgb(207,  
134, 164) }
```

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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