

Converting Colors

RGB(204, 133, 134)

Have a look what the booklet for
RGB(204, 133, 134) contains.

RGB(204, 133, 134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(204, 133, 134)

Conversions

Conversions Part 1

Format	Color
Hex	CC8586
RGB	204, 133, 134
RGB Percent	80%, 52%, 53%
CMY	0.2000, 0.4784, 0.4745
CMYK	0.00, 0.35, 0.34, 0.20
HSL	359°, 41%, 66%
HSV	359°, 35%, 80%
XYZ	37.5924, 31.3337, 26.6209
YIQ	154.3430, 41.9950, 15.3630

Conversions

Conversions Part 2

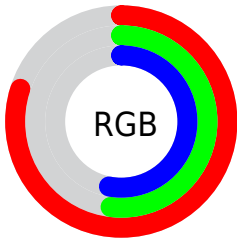
Format	Color
R _Y B	204, 133, 134
Decimal	13403526
CIE Lab	62.79, 27.42, 10.78
CIE LCh	63, 29.460, 21.469
Yxy	31.3337, 0.3934, 0.3279
Android (android.graphics.Color)	4291593606 (0xFFCC8586)
YUV	154.3430, -10.0291, 43.5492
Hunter-Lab	55.9765, 21.9174, 10.9868

Details

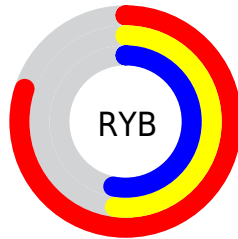
The RGB color **204, 133, 134** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **133, 204, 203**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 187, 187**, and **148, 82, 84** is the 20% darker color. If you saturate the color by 10%, you get **204, 113, 114**, and if you desaturate by 10%, it is **204, 153, 154**.

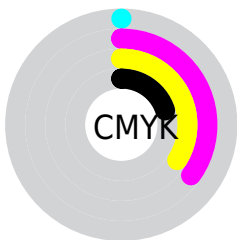
Distribution



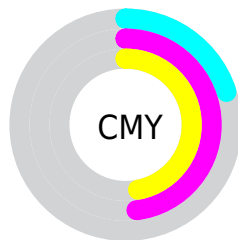
- Red (80%)
- Green (52%)
- Blue (53%)



- Red (80%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (20%)




- Cyan (20%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 133, 134 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 204, 133, 134 by changing the saturation by 10% instead.


 204, 133, 134

255, 255, 255

 255, 187, 187


 255, 215, 215

 255, 243, 243


 204, 133, 134

 176, 107, 109

 148, 82, 84

 121, 58, 61

 94, 35, 40


 68, 11, 19


 45, 0, 0

 0, 0, 0

 204, 133, 134

 204, 113, 114


 204, 133, 134

 204, 153, 154

 204, 92, 94

 204, 174, 174

 204, 72, 74

 204, 194, 194

 204, 51, 54

 204, 215, 214

 204, 31, 33

 204, 235, 235

 204, 11, 13

 204, 255, 255

 204, 0, 3

 204, 255, 255

Harmonies

Analogous

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



198, 133, 160



204, 133, 134



196, 139, 112

Triad

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



204, 133, 134



121, 162, 119



105, 157, 203

Complementary

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



204, 133, 134



133, 204, 203

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.



71, 163, 192



204, 133, 134



90, 166, 143

Square

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



204, 133, 134



151, 156, 103



66, 166, 170



145, 148, 200

Rectangle

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



204, 133, 134



184, 145, 103



66, 166, 170



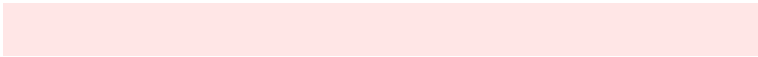
92, 159, 201

Sweetspot

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



204, 133, 134



255, 230, 230



203, 133, 204



128, 112, 112



0, 0, 0



128, 128, 128

Same Dimension

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



204, 133, 134



255, 148, 149



204, 167, 133



102, 92, 92



166, 0, 2



38, 0, 1

Inverse Universe

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



204, 133, 134



255, 148, 149



133, 170, 204



102, 92, 92



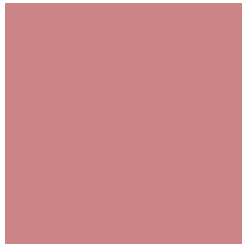
166, 0, 2



38, 0, 1

Previews

White Background



This preview shows how the RGB color 204, 133, 134 looks on a white background.

Color Contrast Check

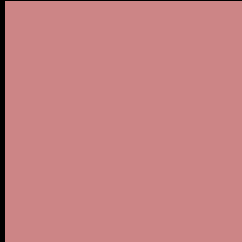
Large Text (above 18pt) WCAG AA × Fail

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 204, 133, 134 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 204, 133, 134 Background



This preview shows how black text looks on a background with the RGB color 204, 133, 134.



This preview shows how white text looks on a background with the RGB color 204, 133, 134.

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
204, 133, 134

Protanopia
157, 152, 144

Deuteranopia
174, 147, 132



Tritanopia
205, 132, 142

Trichromacy



Original Color

204, 133, 134

Protanomaly

174, 145, 140

Deuteranomaly

185, 142, 133

Tritanomaly

205, 132, 139

Monochromacy



Original Color

204, 133, 134

Achromatopsia

154, 154, 154

Achromatomaly

172, 146, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 133, 134 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(204, 133, 134) looks like.

```
.text, #text, p{  
    color:rgb(204, 133, 134)  
}
```

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(204, 133, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 133, 134) }
```

Border

The CSS property to change the border of an element to RGB 204, 133, 134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

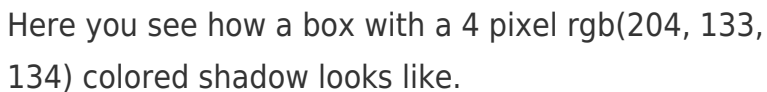
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 133, 134) }
```

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

```
.border{ border-color:rgb(204, 133, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 133, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 133, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 133, 134); box-shadow:4px 4px 4px 4px rgb(204, 133, 134) }
```

Background

The CSS property to change the background color of an element to RGB 204, 133, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 133, 134) }
```

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

```
.background{ background-color: rgb(204,  
133, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor