

# Converting Colors

RGB(205, 194, 204)

Have a look what the booklet for  
RGB(205, 194, 204) contains.

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# **Color**

**RGB(205, 194, 204)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDC2CC
RGB	205, 194, 204
RGB Percent	80%, 76%, 80%
CMY	0.1961, 0.2392, 0.2000
CMYK	0.00, 0.05, 0.00, 0.20
HSL	305°, 10%, 78%
HSV	305°, 5%, 80%
XYZ	55.3677, 55.9223, 65.0026
YIQ	198.4290, 3.3460, 5.4420

# Conversions

## Conversions Part 2

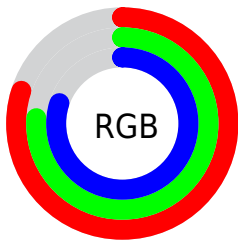
Format	Color
R <sub>Y</sub> B	205, 194, 204
Decimal	13484748
CIE Lab	79.57, 5.64, -3.63
CIE LCh	80, 6.711, 327.262
Yxy	55.9223, 0.3141, 0.3172
Android (android.graphics.Color)	4291674828 (0xFFC2DC2C)
YUV	198.4290, 2.7465, 5.7628
Hunter-Lab	74.7812, 1.2935, 0.8098

# Details

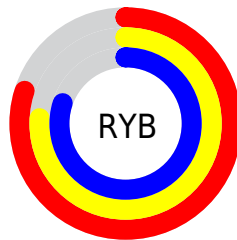
The RGB color **205, 194, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 205, 195**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is 255, 250, 255, and **151, 140, 150** is the 20% darker color. If you saturate the color by 10%, you get **205, 173, 202**, and if you desaturate by 10%, it is **205, 214, 206**.

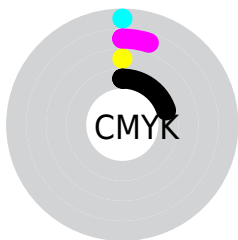
# Distribution



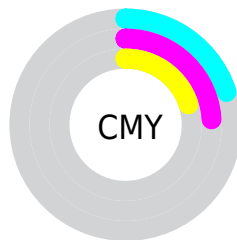
- Red (80%)
- Green (76%)
- Blue (80%)



- Red (80%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 205, 194, 204 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, 194, 204 by changing the saturation by 10% instead.




 205, 194, 204

255, 255, 255

 255, 250, 255

 205, 194, 204

 178, 167, 177

 151, 140, 150

 125, 115, 124

 100, 90, 99

 76, 67, 75

 53, 45, 53

 32, 24, 32

 7, 0, 7

 0, 0, 0

 205, 194, 204


 205, 194, 204

 205, 173, 202

 205, 214, 206

 205, 153, 200

 205, 235, 208

 205, 132, 198


 205, 255, 210

 205, 112, 197


 205, 255, 211

 205, 92, 195


 205, 255, 213

 205, 71, 193

 205, 255, 215

 205, 50, 191

 205, 255, 217

 205, 30, 189

 205, 255, 219

 205, 9, 187

 205, 255, 221

# Harmonies

## Analogous

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



198, 196, 208



205, 194, 204



210, 193, 198

# Triad

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



205, 194, 204



203, 196, 185



182, 201, 203

# Complementary

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



205, 194, 204



194, 205, 195

# 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.



184, 201, 196



205, 194, 204



196, 199, 186

# Square

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



205, 194, 204



209, 195, 187



189, 200, 190



184, 200, 207

# Rectangle

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



205, 194, 204



211, 193, 194



189, 200, 190



182, 201, 201



# Sweetspot

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



205, 194, 204



255, 250, 255



195, 194, 205



128, 125, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



205, 194, 204



255, 240, 254



205, 194, 199



102, 95, 101



166, 0, 151



38, 0, 35



# Inverse Universe

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



205, 194, 204



255, 240, 254



194, 205, 200



102, 95, 101



166, 0, 151

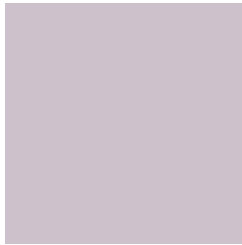


38, 0, 35



# Previews

## White Background



This preview shows how the RGB color 205, 194, 204 looks on a white background.

## Color Contrast Check

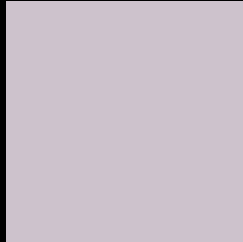
Large Text (above 18pt) WCAG AA × Fail

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, 194, 204 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

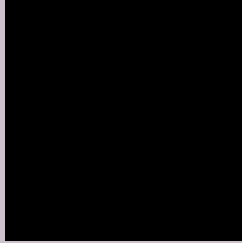
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

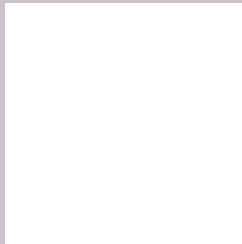
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 205, 194, 204 Background



This preview shows how black text looks on a background with the RGB color 205, 194, 204.



This preview shows how white text looks on a background with the RGB color 205, 194, 204.

# 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**  
205, 194, 204

**Protanopia**  
198, 196, 205

**Deuteranopia**  
213, 191, 205



**Tritanopia**  
206, 193, 208

# Trichromacy



## Original Color

205, 194, 204

## Protanomaly

201, 195, 205

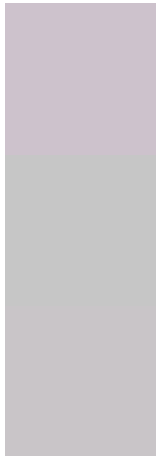
## Deuteranomaly

210, 192, 205

## Tritanomaly

206, 193, 207

# Monochromacy



## Original Color

205, 194, 204

## Achromatopsia

198, 198, 198

## Achromatomaly

201, 197, 200

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 205, 194, 204 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, 194, 204) looks like.

```
.text, #text, p{  
    color:rgb(205, 194, 204)  
}
```

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, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 194, 204) }
```

## Border

The CSS property to change the border of an element to RGB 205, 194, 204 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, 194, 204) }
```

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

```
.border{ border-color:rgb(205, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(205, 194,  
204) }
```

# Background

The CSS property to change the background color of an element to RGB 205, 194, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 194, 204) }
```

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

```
.background{ background-color: rgb(205,  
194, 204) }
```

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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