

# Converting Colors

RGB(205, 185, 204)

Have a look what the booklet for  
RGB(205, 185, 204) contains.

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# **Color**

**RGB(205, 185, 204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB9CC
RGB	205, 185, 204
RGB Percent	80%, 73%, 80%
CMY	0.1961, 0.2745, 0.2000
CMYK	0.00, 0.10, 0.00, 0.20
HSL	303°, 17%, 76%
HSV	303°, 10%, 80%
XYZ	53.4249, 52.0367, 64.3550
YIQ	193.1460, 5.8210, 10.1490

# Conversions

## Conversions Part 2

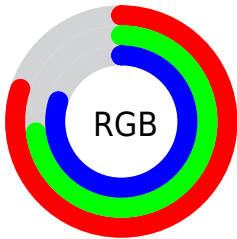
Format	Color
R <sub>Y</sub> B	205, 185, 204
Decimal	13482444
CIE Lab	77.30, 10.47, -6.98
CIE LCh	77, 12.584, 326.331
Yxy	52.0367, 0.3146, 0.3064
Android (android.graphics.Color)	4291672524 (0xFFCDB9CC)
YUV	193.1460, 5.3510, 10.3960
Hunter-Lab	72.1365, 5.9598, -2.3988

# Details

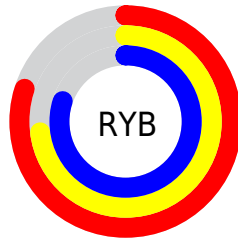
The RGB color **205, 185, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 205, 186**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 241, 255**, and **151, 132, 150** is the 20% darker color. If you saturate the color by 10%, you get **205, 164, 203**, and if you desaturate by 10%, it is **205, 206, 205**.

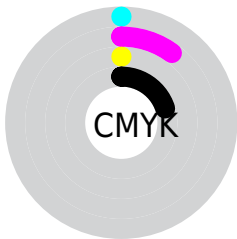
# Distribution



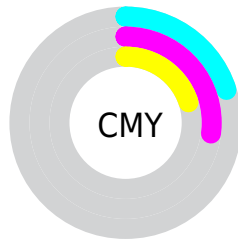
- Red (80%)
- Green (73%)
- Blue (80%)



- Red (80%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 205, 185, 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, 185, 204 by changing the saturation by 10% instead.




 205, 185, 204

255, 255, 255

 255, 241, 255

 205, 185, 204

 177, 158, 177

 151, 132, 150

 125, 107, 124

 100, 82, 99

 76, 59, 75

 53, 38, 53

 32, 17, 31

 0, 0, 6

 0, 0, 0

 205, 185, 204

 205, 185, 204

 205, 164, 203

 205, 206, 205

 205, 144, 202

 205, 226, 206

 205, 123, 201

 205, 247, 207

 205, 103, 200


 205, 255, 208

 205, 82, 199

 205, 255, 209

 205, 62, 198

 205, 255, 210

 205, 41, 197

 205, 255, 211

 205, 21, 196

 205, 255, 212

 205, 0, 195

 205, 255, 213

# Harmonies

## Analogous

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



192, 188, 212



205, 185, 204



214, 183, 193

# Triad

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



205, 185, 204



202, 190, 168



161, 198, 201

# Complementary

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



205, 185, 204



185, 205, 186

# 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.



166, 198, 189



205, 185, 204



189, 193, 170

# Square

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



205, 185, 204



212, 186, 172



176, 196, 178



166, 196, 210

# Rectangle

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



205, 185, 204



216, 183, 185



176, 196, 178



162, 198, 197



# Sweetspot

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



205, 185, 204



255, 247, 255



186, 185, 205



128, 122, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



205, 185, 204



255, 224, 253



205, 185, 194



102, 92, 101



166, 0, 157



38, 0, 36



# Inverse Universe

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



205, 185, 204



255, 224, 253



185, 205, 196



102, 92, 101



166, 0, 157

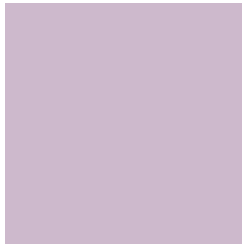


38, 0, 36



# Previews

## White Background



This preview shows how the RGB color 205, 185, 204 looks on a white background.

## Color Contrast Check

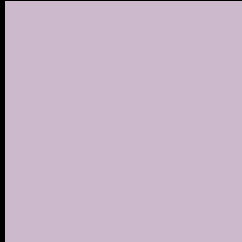
Large Text (above 18pt) WCAG AA × Fail

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, 185, 204 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

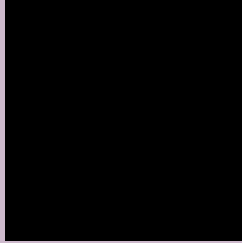
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 205, 185, 204 Background



This preview shows how black text looks on a background with the RGB color 205, 185, 204.



This preview shows how white text looks on a background with the RGB color 205, 185, 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, 185, 204](#)

**Protanopia**  
[190, 190, 207](#)

**Deuteranopia**  
[204, 185, 204](#)



**Tritanopia**  
204, 186, 200

# Trichromacy



**Original Color**

205, 185, 204

**Protanomaly**

195, 188, 206

**Deuteranomaly**

204, 185, 204

**Tritanomaly**

204, 186, 201

# Monochromacy



**Original Color**

205, 185, 204

**Achromatopsia**

193, 193, 193

**Achromatomaly**

197, 190, 197

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 205, 185, 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, 185, 204) looks like.

```
.text, #text, p{  
    color:rgb(205, 185, 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, 185, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 185, 204) }
```

## Border

The CSS property to change the border of an element to RGB 205, 185, 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, 185, 204) }
```

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

```
.border{ border-color:rgb(205, 185, 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, 185, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 185, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 185, 204);  
box-shadow:4px 4px 4px 4px rgb(205, 185,  
204) }
```

# Background

The CSS property to change the background color of an element to RGB 205, 185, 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, 185, 204) }
```

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

```
.background{ background-color: rgb(205,  
185, 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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