

Converting Colors

RGB(204, 180, 185)

Have a look what the booklet for
RGB(204, 180, 185) contains.

RGB(204, 180, 185)	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, 180, 185)

Conversions

Conversions Part 1

Format	Color
Hex	CCB4B9
RGB	204, 180, 185
RGB Percent	80%, 71%, 73%
CMY	0.2000, 0.2941, 0.2745
CMYK	0.00, 0.12, 0.09, 0.20
HSL	348°, 19%, 75%
HSV	348°, 12%, 80%
XYZ	49.9801, 48.9827, 52.7193
YIQ	187.7460, 12.6990, 6.6430

Conversions

Conversions Part 2

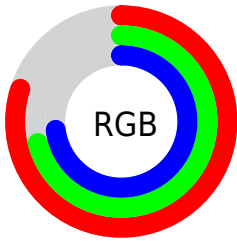
Format	Color
RYB	204, 180, 185
Decimal	13415609
CIELab	75.44, 9.43, 0.61
CIELCh	75, 9.453, 3.687
Yxy	48.9827, 0.3295, 0.3229
Android (android.graphics.Color)	4291605689 (0xFFCCB4B9)
YUV	187.7460, -1.3538, 14.2548
Hunter-Lab	69.9876, 4.9934, 4.3302

Details

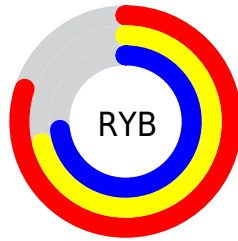
The RGB color **204, 180, 185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **180, 204, 199**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 236, 241**, and **150, 127, 132** is the 20% darker color. If you saturate the color by 10%, you get **204, 160, 169**, and if you desaturate by 10%, it is **204, 200, 201**.

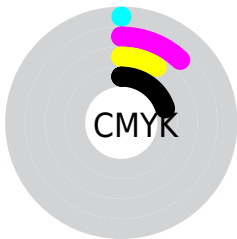
Distribution



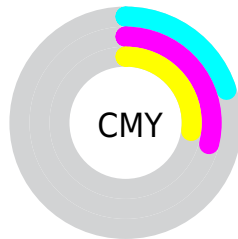
- Red (80%)
- Green (71%)
- Blue (73%)



- Red (80%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (20%)




- Cyan (20%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 180, 185 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, 180, 185 by changing the saturation by 10% instead.


 204, 180, 185

 204, 180, 185

255, 255, 255

 176, 153, 158

 255, 236, 241


 150, 127, 132

 124, 102, 107


 99, 78, 83


 75, 55, 60


 52, 34, 38

 31, 12, 17

 0, 0, 0

 204, 180, 185


 204, 180, 185

 204, 160, 169

 204, 200, 201

 204, 139, 153


 204, 221, 217

 204, 119, 137

 204, 241, 233

 204, 98, 120

 204, 255, 250

 204, 78, 104

 204, 255, 255

 204, 58, 88

 204, 37, 72

 204, 17, 56

 204, 0, 42

Harmonies

Analogous

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



198, 181, 194



204, 180, 185



205, 181, 177

Triad

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



204, 180, 185



182, 188, 171



169, 189, 201

Complementary

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



204, 180, 185



180, 204, 199

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.



165, 191, 195



204, 180, 185



173, 190, 178

Square

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



204, 180, 185



192, 186, 169



166, 191, 187



178, 186, 203

Rectangle

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



204, 180, 185



202, 182, 172



166, 191, 187



167, 190, 200

Sweetspot

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



204, 180, 185



255, 245, 247



199, 180, 204



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

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



204, 180, 185



255, 219, 227



204, 187, 180



102, 92, 94



166, 0, 35



38, 0, 8

Inverse Universe

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



204, 180, 185



255, 219, 227



180, 197, 204



102, 92, 94



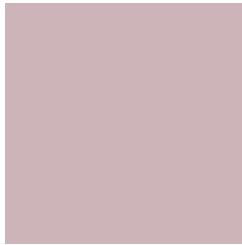
166, 0, 35



38, 0, 8

Previews

White Background



This preview shows how the RGB color 204, 180, 185 looks on a white background.

Color Contrast Check

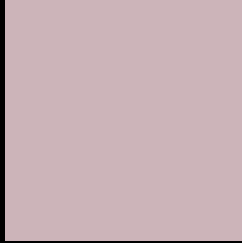
Large Text (above 18pt) WCAG AA × Fail

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, 180, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

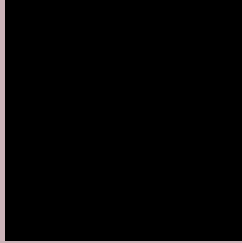
Any Text WCAG AA ✓ Pass

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, 180, 185 Background



This preview shows how black text looks on a background with the RGB color 204, 180, 185.



This preview shows how white text looks on a background with the RGB color 204, 180, 185.

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, 180, 185

Protanopia
189, 185, 188

Deuteranopia
204, 180, 185



Tritanopia
205, 179, 193

Trichromacy



Original Color

204, 180, 185

Protanomaly

194, 183, 187

Deuteranomaly

204, 180, 185

Tritanomaly

205, 179, 190

Monochromacy



Original Color

204, 180, 185

Achromatopsia

188, 188, 188

Achromatomaly

194, 185, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 180, 185 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, 180, 185) looks like.

```
.text, #text, p{  
    color:rgb(204, 180, 185)  
}
```

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, 180, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 180, 185) }
```

Border

The CSS property to change the border of an element to RGB 204, 180, 185 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, 180, 185) }
```

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

```
.border{ border-color:rgb(204, 180, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 180, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 180, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 180, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 180,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 204, 180, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 180, 185) }
```

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

```
.background{ background-color: rgb(204,  
180, 185) }
```

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