

Converting Colors

`RYB(209, 185, 180)`

Have a look what the booklet for
RYB(209, 185, 180) contains.

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Color

$\text{RYB}(209, 185, 180)$

Conversions

Conversions Part 1

Format	Color
Hex	D1B8B4
RGB	209, 184, 180
RGB Percent	82%, 72%, 71%
CMY	0.1804, 0.2774, 0.2941
CMYK	0.00, 0.12, 0.14, 0.18
HSL	9°, 24%, 76%
HSV	9°, 14%, 82%
XYZ	51.7282, 51.2417, 50.3443
YIQ	191.0190, 16.1840, 4.0560

Conversions

Conversions Part 2

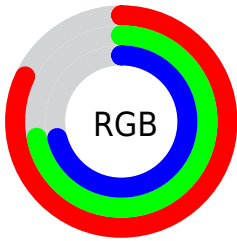
Format	Color
R _Y B	209, 185, 180
Decimal	13744308
CIE Lab	76.83, 8.12, 5.39
CIE LCh	77, 9.743, 33.586
Yxy	51.2417, 0.3374, 0.3342
Android (android.graphics.Color)	4291934388 (0xFFD1B8B4)
YUV	191.0190, -5.4324, 15.7693
Hunter-Lab	71.5833, 3.7188, 8.4098

Details

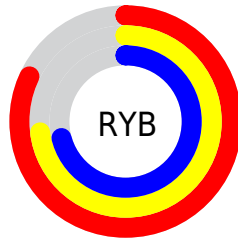
The RYB color **209, 185, 180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **180, 193, 209**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 241, 236**, and **154, 132, 127** is the 20% darker color. If you saturate the color by 10%, you get **209, 167, 159**, and if you desaturate by 10%, it is **209, 202, 201**.

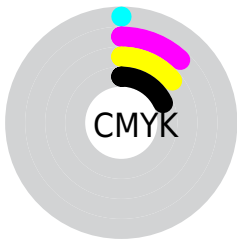
Distribution



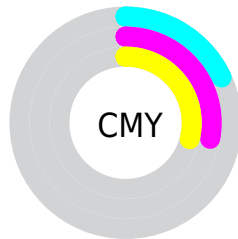
- Red (82%)
- Green (72%)
- Blue (71%)



- Red (82%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (18%)




- Cyan (18%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 209, 185, 180 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 RYB color 209, 185, 180 by changing the saturation by 10% instead.


 209, 185, 180

 209, 185, 180

255, 255, 255

 181, 158, 153

 255, 241, 236

 154, 132, 127

 128, 107, 102

 103, 83, 78

 79, 59, 56

 55, 38, 34

 34, 18, 12

 0, 0, 0

 209, 185, 180


 209, 185, 180

 209, 167, 159

 209, 202, 201

 209, 151, 138

 209, 215, 222

 209, 134, 117

 209, 225, 243

 209, 116, 96

 209, 232, 255

 209, 98, 76

 209, 81, 55

 209, 63, 34

 209, 47, 13

 209, 36, 0

Harmonies

Analogous

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



208, 184, 189



209, 185, 180



205, 194, 174

Triad

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



209, 185, 180



176, 190, 194



182, 188, 207

Complementary

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



209, 185, 180



180, 193, 209

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.



172, 185, 205



209, 185, 180



169, 183, 195

Square

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



209, 185, 180



175, 192, 181



168, 182, 199



193, 187, 205

Rectangle

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



209, 185, 180



191, 199, 172



168, 182, 199



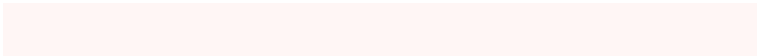
178, 187, 207

Sweetspot

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



209, 185, 180



255, 246, 245



209, 180, 205



128, 122, 121



0, 0, 0



128, 128, 128

Same Dimension

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



209, 185, 180



255, 219, 212



198, 209, 180



105, 96, 94



168, 29, 0



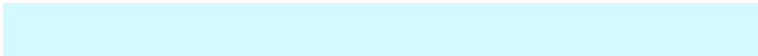
41, 7, 0

Inverse Universe

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



180, 193, 209



212, 232, 255



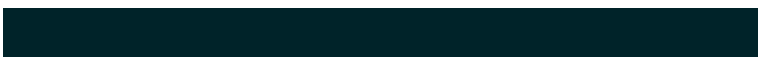
180, 188, 209



94, 99, 105



0, 78, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 209, 185, 180 looks on a white background.

Color Contrast Check

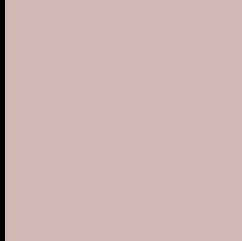
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 209, 185, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

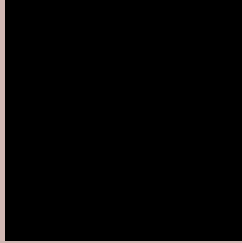
Any Text WCAG AA ✓ Pass

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](#).

RYB 209, 185, 180 Background



This preview shows how black text looks on a background with the RYB color 209, 185, 180.



This preview shows how white text looks on a background with the RYB color 209, 185, 180.

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


209, 185, 180

Protanopia

195, 195, 183

Deuteranopia

212, 183, 180



Tritanopia
211, 182, 196

Trichromacy



Original Color

209, 185, 180

Protanomaly

200, 189, 182

Deuteranomaly

211, 183, 180

Tritanomaly

210, 183, 190

Monochromacy



Original Color

209, 185, 180

Achromatopsia

191, 191, 191

Achromatomaly

198, 189, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 185, 180 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(209, 184, 180) looks like.

```
.text, #text, p{  
    color:rgb(209, 184, 180)  
}
```

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(209, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 184, 180) }
```

Border

The CSS property to change the border of an element to RYB 209, 185, 180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

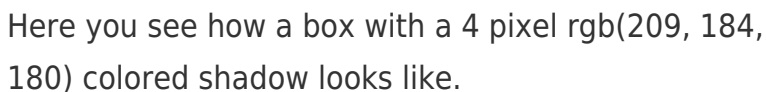
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 184, 180) }
```

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

```
.border{ border-color:rgb(209, 184, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 184, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 184, 180); box-shadow:4px 4px 4px 4px rgb(209, 184, 180) }
```

Background

The CSS property to change the background color of an element to RGB 209, 185, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 184, 180) }
```

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

```
.background{ background-color: rgb(209,  
184, 180) }
```

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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