

# Converting Colors

`RYB(205, 189, 184)`

Have a look what the booklet for  
RYB(205, 189, 184) contains.

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# **Color**

**R<sub>Y</sub>B(205, 189, 184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDBC8
RGB	205, 188, 184
RGB Percent	80%, 74%, 72%
CMY	0.1961, 0.2626, 0.2784
CMYK	0.00, 0.08, 0.10, 0.20
HSL	12°, 17%, 76%
HSV	12°, 10%, 80%
XYZ	51.8200, 52.4227, 52.7348
YIQ	192.6270, 11.4160, 2.3600

# Conversions

## Conversions Part 2

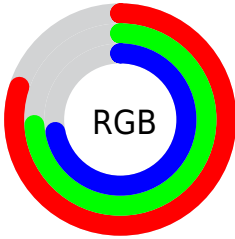
Format	Color
RYB	205, 189, 184
Decimal	13483192
CIELab	77.53, 5.31, 4.20
CIELCh	78, 6.768, 38.357
Yxy	52.4227, 0.3301, 0.3340
Android (android.graphics.Color)	4291673272 (0xFFCDBC8)
YUV	192.6270, -4.2531, 10.8511
Hunter-Lab	72.4035, 1.0483, 7.4989

# Details

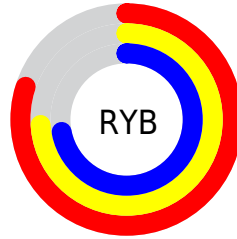
The RYB color **205, 189, 184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 193, 205**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 245, 240**, and **151, 136, 131** is the 20% darker color. If you saturate the color by 10%, you get **205, 173, 163**, and if you desaturate by 10%, it is **205, 205, 205**.

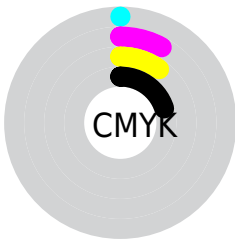
# Distribution



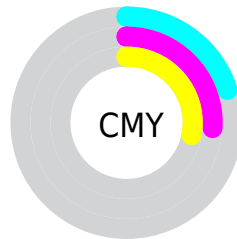
- Red (80%)
- Green (74%)
- Blue (72%)



- Red (80%)
- Yellow (74%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 205, 189, 184 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 205, 189, 184 by changing the saturation by 10% instead.





 205, 189, 184

255, 255, 255

 255, 245, 240

 205, 189, 184


 177, 162, 157

 151, 136, 131

 125, 111, 106

 100, 86, 82

 76, 63, 59

 53, 41, 37

 32, 21, 16

 0, 0, 0

 205, 189, 184

 205, 189, 184

 205, 173, 163

 205, 205, 205

 205, 158, 143


 205, 214, 225

 205, 142, 122

 205, 223, 246

 205, 127, 102

 205, 230, 255

 205, 111, 81

 205, 230, 255

 205, 96, 61

 205, 80, 40

 205, 65, 20

 205, 48, 0

# Harmonies

## Analogous

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



205, 187, 190



205, 189, 184



201, 199, 180

# Triad

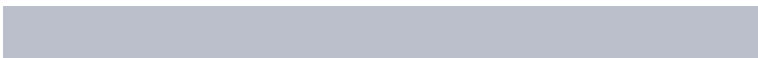
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 189, 184



181, 191, 195



187, 190, 204

# Complementary

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



205, 189, 184



184, 193, 205

# 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.



181, 189, 203



205, 189, 184



177, 187, 195

# Square

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



205, 189, 184



182, 194, 188



177, 187, 199



195, 189, 201

# Rectangle

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



205, 189, 184



188, 197, 179



177, 187, 199



185, 190, 204

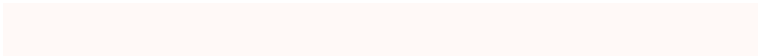


# Sweetspot

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



205, 189, 184



255, 250, 247



205, 184, 201



128, 123, 122



0, 0, 0



128, 128, 128

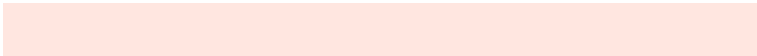


# Same Dimension

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



205, 189, 184



255, 231, 224



195, 205, 184



102, 95, 92



166, 40, 0



38, 9, 0

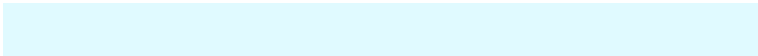


# Inverse Universe

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



184, 193, 205



224, 238, 255



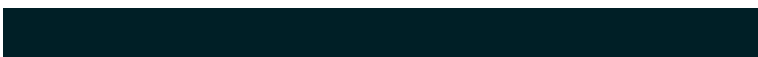
184, 189, 205



92, 96, 102



0, 74, 166

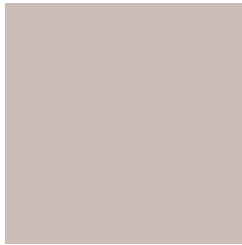


0, 17, 38



# Previews

## White Background



This preview shows how the RYB color 205, 189, 184 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 205, 189, 184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

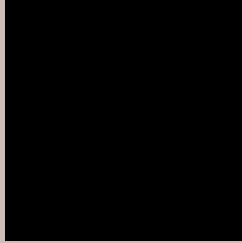
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 205, 189, 184 Background**



This preview shows how black text looks on a background with the RYB color 205, 189, 184.



This preview shows how white text looks on a background with the RYB color 205, 189, 184.

# 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, 189, 184

**Protanopia**  
196, 196, 186

**Deuteranopia**  
213, 185, 185



**Tritanopia**  
207, 186, 200

# Trichromacy



## Original Color

205, 189, 184

## Protanomaly

199, 193, 185

## Deuteranomaly

210, 186, 185

## Tritanomaly

206, 187, 194

# Monochromacy



## Original Color

205, 189, 184

## Achromatopsia

193, 193, 193

## Achromatomaly

197, 191, 190

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 205, 189, 184 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, 188, 184) looks like.

```
.text, #text, p{  
    color:rgb(205, 188, 184)  
}
```

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, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 188, 184) }
```

## Border

The CSS property to change the border of an element to RYB 205, 189, 184 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, 188, 184) }
```

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

```
.border{ border-color:rgb(205, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(205, 188,  
184) }
```

# Background

The CSS property to change the background color of an element to RYB 205, 189, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 188, 184) }
```

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

```
.background{ background-color: rgb(205,  
188, 184) }
```

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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