

Converting Colors

`RYB(201, 207, 197)`

Have a look what the booklet for
RYB(201, 207, 197) contains.

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Color

RYB(201, 207, 197)

Conversions

Conversions Part 1

Format	Color
Hex	CFCCC5
RGB	207, 204, 197
RGB Percent	81%, 80%, 77%
CMY	0.1882, 0.1994, 0.2275
CMYK	0.00, 0.01, 0.05, 0.19
HSL	43°, 9%, 79%
HSV	43°, 5%, 81%
XYZ	57.4370, 60.5503, 61.4834
YIQ	204.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

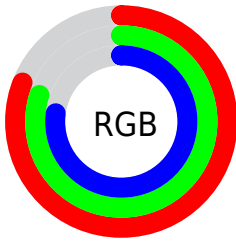
Format	Color
R_YB	201, 207, 197
Decimal	13618373
CIE Lab	82.14, -0.28, 3.89
CIE LCh	82, 3.902, 94.116
Yxy	60.5503, 0.3200, 0.3374
Android (android.graphics.Color)	4291808453 (0xFFCFCCC5)
YUV	204.0990, -3.4998, 2.5442
Hunter-Lab	77.8141, -4.4182, 7.6229

Details

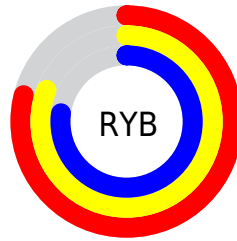
The RYB color **201, 207, 197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **197, 199, 207**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 254, 255, 254, and **147, 153, 143** is the 20% darker color. If you saturate the color by 10%, you get **189, 207, 176**, and if you desaturate by 10%, it is **207, 209, 218**.

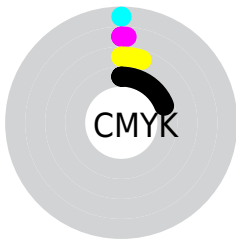
Distribution



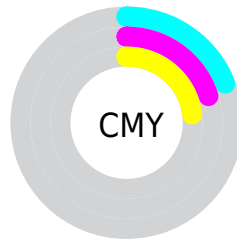
- Red (81%)
- Green (80%)
- Blue (77%)



- Red (79%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 207, 197 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 201, 207, 197 by changing the saturation by 10% instead.

■ 201, 207, 197

255, 255, 255

254, 255, 254

■ 201, 207, 197

■ 173, 179, 170

■ 147, 153, 143

■ 123, 127, 118

■ 98, 102, 93

■ 75, 78, 70


■ 50, 55, 47

■ 29, 34, 26

■ 4, 11, 0

■ 0, 0, 0

 201, 207, 197

 201, 207, 197

 189, 207, 176

 207, 209, 218

 177, 207, 156

 207, 214, 238

 165, 207, 135


 207, 218, 255

 152, 207, 114

 207, 222, 255

 139, 207, 94


 207, 224, 255

 126, 207, 73

 207, 227, 255

 113, 207, 52

 207, 229, 255

 101, 207, 31

 207, 230, 255

 89, 207, 11

 207, 231, 255

Harmonies

Analogous

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



211, 206, 198



201, 207, 197



198, 205, 200

Triad

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



201, 207, 197



196, 201, 208



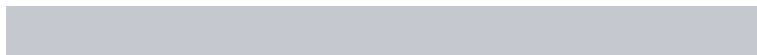
210, 202, 208

Complementary

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



201, 207, 197



197, 199, 207

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.



206, 203, 210



201, 207, 197



198, 203, 211

Square

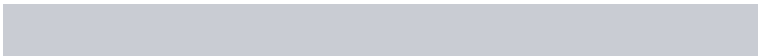
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201, 207, 197



196, 202, 207



201, 203, 211



212, 202, 204

Rectangle

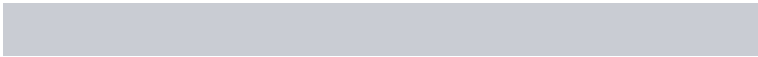
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201, 207, 197



200, 206, 206



201, 203, 211



208, 203, 209

Sweetspot

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



201, 207, 197



254, 255, 252



207, 197, 200



128, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



201, 207, 197



245, 255, 240



197, 207, 199



102, 105, 97



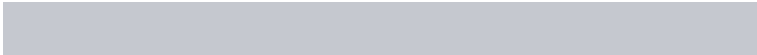
67, 168, 0



17, 41, 0

Inverse Universe

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



197, 199, 207



240, 243, 255



199, 197, 207



97, 99, 105



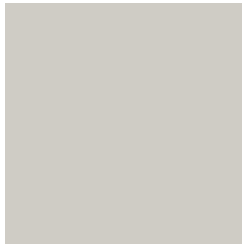
0, 37, 168



0, 9, 41

Previews

White Background



This preview shows how the RYB color 201, 207, 197 looks on a white background.

Color Contrast Check

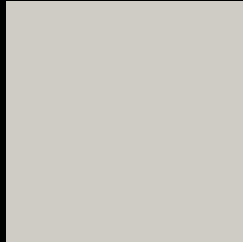
Large Text (above 18pt) WCAG AA × Fail

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 201, 207, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

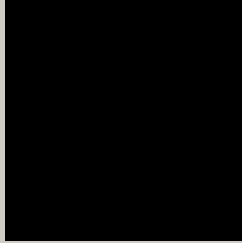
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

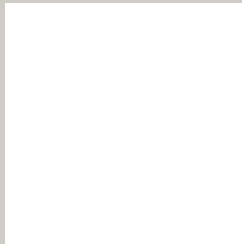
Any Text WCAG AAA ✓ Pass

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

RYB 201, 207, 197 Background



This preview shows how black text looks on a background with the RYB color 201, 207, 197.

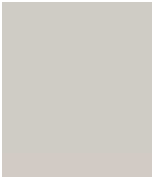


This preview shows how white text looks on a background with the RYB color 201, 207, 197.

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 201, 207, 197
	Protanopia 210, 208, 197
	Deuteranopia 226, 197, 198



Tritanopia
210, 201, 217

Trichromacy



Original Color

201, 207, 197

Protanomaly

209, 209, 197

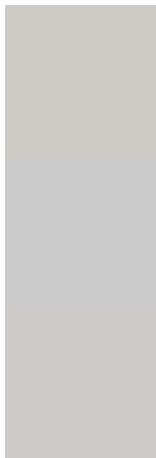
Deuteranomaly

219, 200, 198

Tritanomaly

209, 202, 210

Monochromacy



Original Color

201, 207, 197

Achromatopsia

204, 204, 204

Achromatomaly

202, 205, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 207, 197 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(207, 204, 197) looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 197)  
}
```

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(207, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 197) }
```

Border

The CSS property to change the border of an element to RYB 201, 207, 197 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(207, 204, 197) }
```

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

```
.border{ border-color:rgb(207, 204, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 204, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 207, 204, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 197) }
```

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

```
.background{ background-color: rgb(207,  
204, 197) }
```

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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