

Converting Colors

`RYB(196, 204, 192)`

Have a look what the booklet for
RYB(196, 204, 192) contains.

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Color

R_YB(196, 204, 192)

Conversions

Conversions Part 1

Format	Color
Hex	CCC9C0
RGB	204, 201, 192
RGB Percent	80%, 79%, 75%
CMY	0.2000, 0.2118, 0.2471
CMYK	0.00, 0.01, 0.06, 0.20
HSL	45°, 11%, 78%
HSV	45°, 6%, 80%
XYZ	55.3029, 58.4164, 58.2299
YIQ	200.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

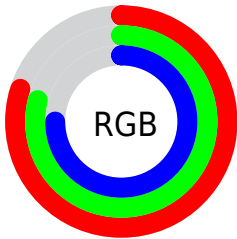
Format	Color
RYB	196, 204, 192
Decimal	13420992
CIELab	80.97, -0.55, 4.85
CIELCh	81, 4.881, 96.508
Yxy	58.4164, 0.3216, 0.3397
Android (android.graphics.Color)	4291611072 (0xFFCCC9C0)
YUV	200.8710, -4.3734, 2.7441
Hunter-Lab	76.4306, -4.5964, 8.3304

Details

The RYB color **196, 204, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 194, 204**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **248, 255, 248**, and **143, 150, 139** is the 20% darker color. If you saturate the color by 10%, you get **183, 204, 172**, and if you desaturate by 10%, it is **204, 206, 212**.

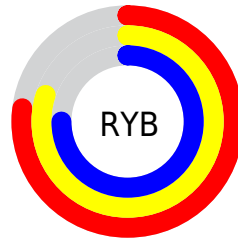
Distribution



Red (80%)

Green (79%)

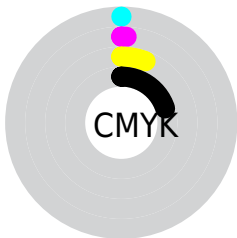
Blue (75%)



Red (77%)

Yellow (80%)

Blue (75%)

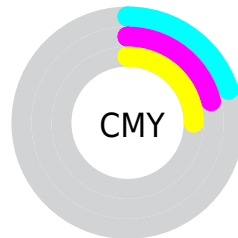


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 204, 192 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 196, 204, 192 by changing the saturation by 10% instead.

■ 196, 204, 192

■ 255, 255, 255

■ 248, 255, 248

■ 196, 204, 192

■ 169, 177, 165

■ 143, 150, 139

■ 117, 124, 113

■ 92, 99, 89

■ 68, 75, 65

■ 47, 53, 43

■ 26, 31, 23

■ 0, 4, 0

■ 0, 0, 0

■ 196, 204, 192

■ 196, 204, 192

■ 183, 204, 172

■ 204, 206, 212

■ 168, 204, 151

■ 204, 210, 233

■ 155, 204, 131

■ 204, 214, 253

■ 140, 204, 110

■ 204, 217, 255

■ 129, 204, 90

■ 204, 220, 255

■ 116, 204, 70

■ 204, 222, 255

■ 101, 204, 49

■ 204, 224, 255

■ 88, 204, 29

■ 204, 226, 255

■ 73, 204, 8

■ 204, 227, 255

Harmonies

Analogous

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



209, 205, 193



196, 204, 192



194, 202, 197

Triad

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



196, 204, 192



190, 197, 206



208, 198, 205

Complementary

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



196, 204, 192



192, 194, 204

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.



203, 200, 208



196, 204, 192



193, 199, 209

Square

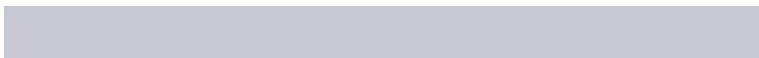
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196, 204, 192



191, 198, 204



198, 200, 210



211, 198, 200

Rectangle

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



196, 204, 192



195, 202, 203



198, 200, 210



207, 199, 206

Sweetspot

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



196, 204, 192



251, 255, 250



204, 192, 195



127, 128, 125



0, 0, 0



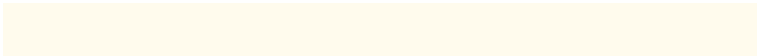
128, 128, 128

Same Dimension

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



196, 204, 192



242, 255, 237



192, 204, 195



97, 102, 94



56, 166, 0



12, 38, 0

Inverse Universe

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



192, 194, 204



237, 241, 255



195, 192, 204



94, 96, 102



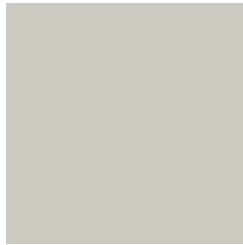
0, 33, 166



0, 8, 38

Previews

White Background



This preview shows how the RYB color 196, 204, 192 looks on a white background.

Color Contrast Check

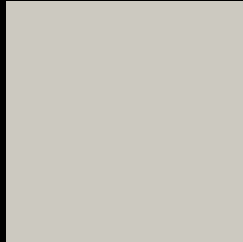
Large Text (above 18pt) WCAG AA × Fail

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 196, 204, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

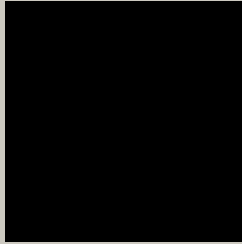
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

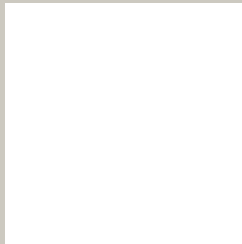
Any Text WCAG AAA ✓ Pass

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

RYP 196, 204, 192 Background



This preview shows how black text looks on a background with the RYP color 196, 204, 192.

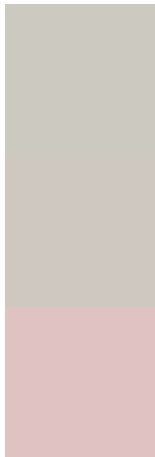


This preview shows how white text looks on a background with the RYP color 196, 204, 192.

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
196, 204, 192

Protanopia
205, 207, 192

Deuteranopia
223, 194, 193



Tritanopia
207, 198, 213

Trichromacy



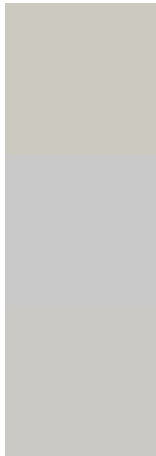
Original Color
196, 204, 192

Protanomaly
203, 206, 192

Deuteranomaly
216, 198, 193

Tritanomaly
206, 199, 205

Monochromacy



Original Color
196, 204, 192

Achromatopsia
201, 201, 201

Achromatomaly
199, 202, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 204, 192 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, 201, 192) looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 192)  
}
```

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, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 192) }
```

Border

The CSS property to change the border of an element to RYB 196, 204, 192 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, 201, 192) }
```

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

```
.border{ border-color:rgb(204, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 196, 204, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 192) }
```

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

```
.background{ background-color: rgb(204,  
201, 192) }
```

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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