

Converting Colors

`RYB(201, 204, 196)`

Have a look what the booklet for
RYB(201, 204, 196) contains.

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Color

R_YB(201, 204, 196)

Conversions

Conversions Part 1

Format	Color
Hex	CCC9C4
RGB	204, 201, 196
RGB Percent	80%, 79%, 77%
CMY	0.2000, 0.2121, 0.2314
CMYK	0.00, 0.02, 0.04, 0.20
HSL	37°, 7%, 78%
HSV	37°, 4%, 80%
XYZ	55.7344, 58.5603, 60.5903
YIQ	201.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

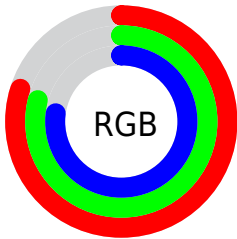
Format	Color
R_{YB}	201, 204, 196
Decimal	13420996
CIE Lab	81.05, 0.19, 2.82
CIE LCh	81, 2.828, 86.216
Yxy	58.5603, 0.3187, 0.3349
Android (android.graphics.Color)	4291611076 (0xFFCCC9C4)
YUV	201.3270, -2.6262, 2.3442
Hunter-Lab	76.5247, -3.9134, 6.6230

Details

The RYB color **201, 204, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 198, 204**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **253, 255, 253**, and **147, 150, 142** is the 20% darker color. If you saturate the color by 10%, you get **194, 204, 176**, and if you desaturate by 10%, it is **204, 208, 216**.

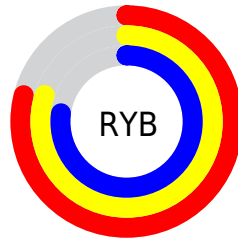
Distribution



Red (80%)

Green (79%)

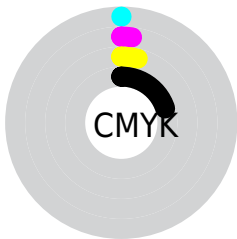
Blue (77%)



Red (79%)

Yellow (80%)

Blue (77%)

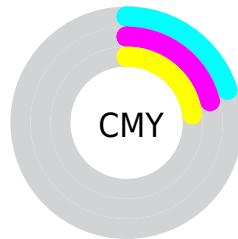


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 204, 196 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, 204, 196 by changing the saturation by 10% instead.

■ 201, 204, 196

255, 255, 255

253, 255, 253

■ 201, 204, 196

■ 174, 177, 169

■ 147, 150, 142

■ 122, 124, 117

■ 95, 99, 92

■ 72, 75, 69

■ 51, 53, 46

■ 29, 31, 26

■ 3, 6, 0

■ 0, 0, 0

 201, 204, 196

 201, 204, 196

 194, 204, 176

 204, 208, 216

 186, 204, 155

 204, 213, 237

 179, 204, 135


 204, 218, 255

 169, 204, 114


 204, 222, 255

 162, 204, 94


 204, 225, 255

 155, 204, 74

 204, 228, 255

 147, 204, 53

 204, 230, 255

 140, 204, 33

 132, 204, 12

Harmonies

Analogous

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



206, 202, 197



201, 204, 196



196, 202, 197

Triad

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



201, 204, 196



195, 199, 203



204, 200, 204

Complementary

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



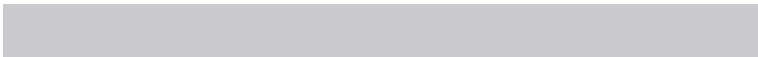
201, 204, 196



196, 198, 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.



201, 201, 206



201, 204, 196



196, 200, 206

Square

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



201, 204, 196



196, 200, 203



198, 201, 206



207, 200, 202

Rectangle

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



201, 204, 196



198, 202, 201



198, 201, 206



204, 200, 205

Sweetspot

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



201, 204, 196



254, 255, 252



204, 196, 199



128, 128, 126



0, 0, 0



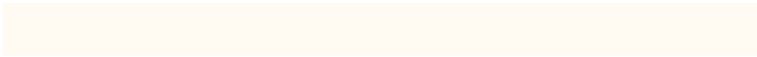
128, 128, 128

Same Dimension

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



201, 204, 196



250, 255, 242



196, 204, 197



99, 102, 96



104, 166, 0



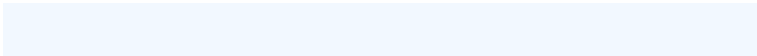
22, 38, 0

Inverse Universe

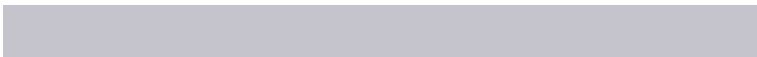
The Inverse Universe completely reimagines the original color for something new.



196, 198, 204



242, 246, 255



197, 196, 204



96, 98, 102



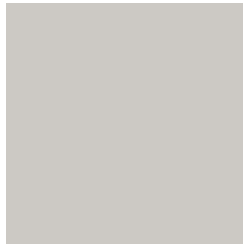
0, 46, 166



0, 11, 38

Previews

White Background



This preview shows how the RYB color 201, 204, 196 looks on a white background.

Color Contrast Check

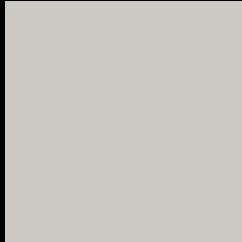
Large Text (above 18pt) WCAG AA × Fail

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, 204, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

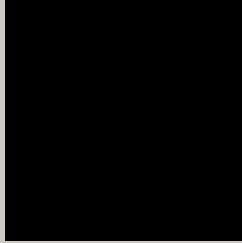
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

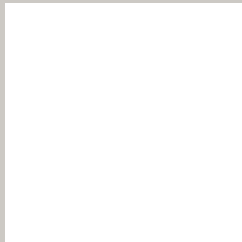
Any Text WCAG AAA ✓ Pass

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

RYB 201, 204, 196 Background



This preview shows how black text looks on a background with the RYB color 201, 204, 196.




This preview shows how white text looks on a background with the RYB color 201, 204, 196.

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, 204, 196
	Protanopia 206, 203, 196
	Deuteranopia 222, 195, 197



Tritanopia
207, 198, 214

Trichromacy



Original Color

201, 204, 196

Protanomaly

205, 203, 196

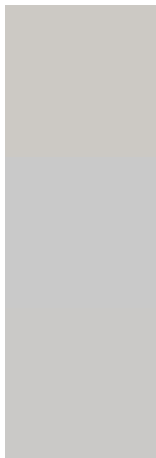
Deuteranomaly

215, 197, 197

Tritanomaly

206, 199, 207

Monochromacy



Original Color

201, 204, 196

Achromatopsia

201, 201, 201

Achromatomaly

201, 202, 199

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(204, 201, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 196) }
```

Border

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

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

```
.border{ border-color:rgb(204, 201, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 196);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
196) }
```

Background

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

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

```
.background{ background-color: rgb(204,  
201, 196) }
```

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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