

Converting Colors

`RYB(201, 204, 201)`

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

RYB(201, 204, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

R_{YB}(201, 204, 201)

Conversions

Conversions Part 1

Format	Color
Hex	CCCCC9
RGB	204, 204, 201
RGB Percent	80%, 80%, 79%
CMY	0.2000, 0.2000, 0.2118
CMYK	0.00, 0.00, 0.01, 0.20
HSL	60°, 3%, 79%
HSV	60°, 1%, 80%
XYZ	57.0373, 60.2401, 63.8797
YIQ	203.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

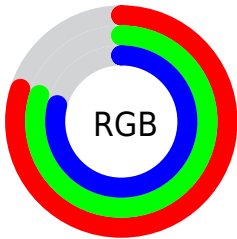
Format	Color
RYB	201, 204, 201
Decimal	13421769
CIELab	81.97, -0.54, 1.48
CIELCh	82, 1.577, 109.997
Yxy	60.2401, 0.3148, 0.3325
Android (android.graphics.Color)	4291611849 (0xFFCCCCC9)
YUV	203.6580, -1.3104, 0.2999
Hunter-Lab	77.6145, -4.6494, 5.5323

Details

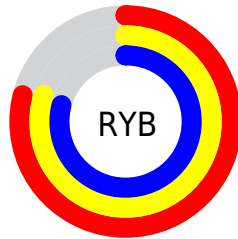
The RYB color **201, 204, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 201, 204**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 150, 147** is the 20% darker color. If you saturate the color by 10%, you get **181, 204, 181**, and if you desaturate by 10%, it is **204, 204, 221**.

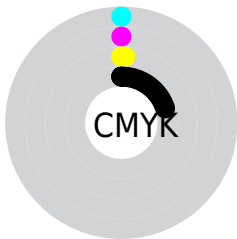
Distribution



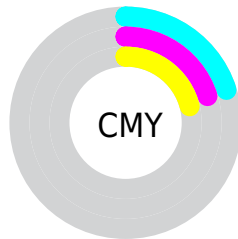
- Red (80%)
- Green (80%)
- Blue (79%)



- Red (79%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

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

■ 201, 204, 201

255, 255, 255

■ 201, 204, 201

■ 174, 177, 174

■ 147, 150, 147

■ 121, 124, 121

■ 97, 99, 97

■ 73, 75, 73

■ 50, 53, 50


■ 29, 32, 29

■ 4, 7, 4

■ 0, 0, 0

 201, 204, 201

 201, 204, 201

 181, 204, 181

 204, 204, 221

 160, 204, 160

 204, 204, 242

 140, 204, 140

 204, 204, 255

 119, 204, 119

 99, 204, 99

 79, 204, 79

 58, 204, 58

 38, 204, 38

 17, 204, 17

Harmonies

Analogous

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



204, 206, 201



201, 204, 201



202, 204, 204

Triad

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



201, 204, 201



201, 203, 206



207, 203, 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, 201



201, 201, 204

Split Complementary

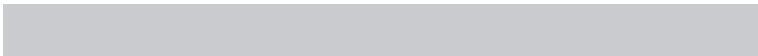
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



205, 203, 206



201, 204, 201



202, 203, 207

Square

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



201, 204, 201



200, 203, 205



204, 204, 207



207, 203, 203

Rectangle

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



201, 204, 201



201, 204, 205



204, 204, 207



206, 203, 205

Sweetspot

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



201, 204, 201

255, 255, 255



204, 201, 201



128, 128, 128



0, 0, 0

Same Dimension

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



201, 204, 201



250, 255, 250



201, 204, 202



100, 102, 100



0, 166, 0



0, 38, 0

Inverse Universe

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



201, 201, 204



250, 250, 255



203, 201, 204



100, 100, 102



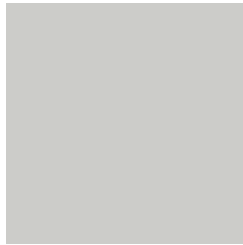
0, 0, 166



0, 0, 38

Previews

White Background



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

Color Contrast Check

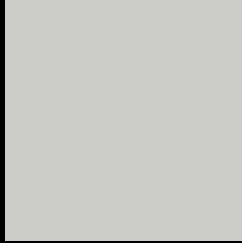
Large Text (above 18pt) WCAG AA × Fail

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, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

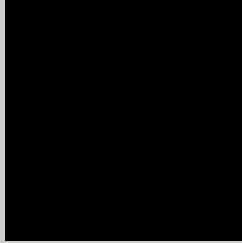
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

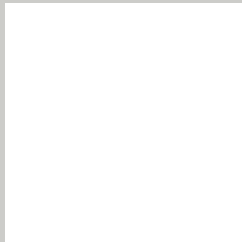
Any Text WCAG AAA ✓ Pass

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

RYB 201, 204, 201 Background



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

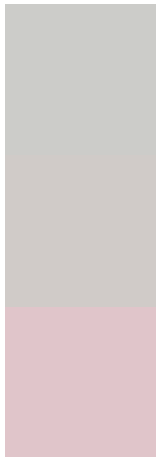


This preview shows how white text looks on a background with the RYB color 201, 204, 201.

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, 201](#)

Protanopia
[208, 205, 200](#)

Deuteranopia
[224, 197, 202](#)



Tritanopia
207, 201, 217

Trichromacy



Original Color

201, 204, 201

Protanomaly

207, 205, 200

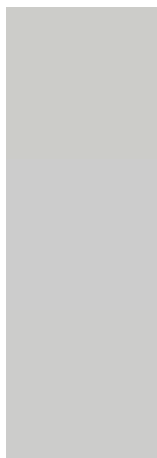
Deuteranomaly

217, 200, 202

Tritanomaly

206, 202, 211

Monochromacy



Original Color

201, 204, 201

Achromatopsia

204, 204, 204

Achromatomaly

203, 204, 203

CSS Examples

Text

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

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

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, 204, 201) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

The CSS property to change the background color of an element to RYB 201, 204, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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