

Converting Colors

RYB(203, 204, 209)

Have a look what the booklet for
RYB(203, 204, 209) contains.

RYB(203, 204, 209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RVB(203, 204, 209)

Conversions

Conversions Part 1

Format	Color
Hex	CBCCD1
RGB	203, 204, 209
RGB Percent	80%, 80%, 82%
CMY	0.2039, 0.1992, 0.1804
CMYK	0.03, 0.02, 0.00, 0.18
HSL	228°, 6%, 81%
HSV	228°, 3%, 82%
XYZ	57.7777, 60.5808, 68.9697
YIQ	204.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

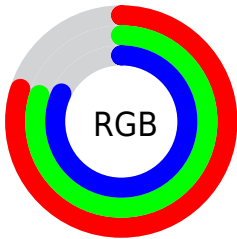
Format	Color
R _Y B	203, 204, 209
Decimal	13356241
CIE Lab	82.15, 0.48, -2.53
CIE LCh	82, 2.579, 280.791
Yxy	60.5808, 0.3084, 0.3234
Android (android.graphics.Color)	4291546321 (0xFFCBCCD1)
YUV	204.2710, 2.3314, -1.1147
Hunter-Lab	77.8337, -3.7045, 1.9458

Details

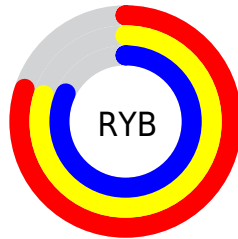
The RYB color **203, 204, 209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 209, 203**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 150, 155** is the 20% darker color. If you saturate the color by 10%, you get **182, 186, 209**, and if you desaturate by 10%, it is **213, 224, 209**.

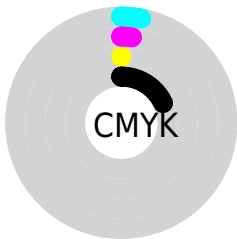
Distribution



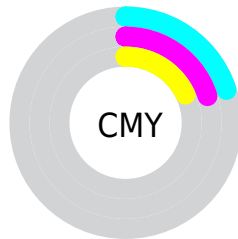
- Red (80%)
- Green (80%)
- Blue (82%)



- Red (80%)
- Yellow (80%)
- Blue (82%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 204, 209 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 203, 204, 209 by changing the saturation by 10% instead.

■ 203, 204, 209

255, 255, 255

■ 203, 204, 209

■ 176, 177, 181

■ 149, 150, 155

■ 123, 124, 129

■ 98, 99, 104

■ 74, 76, 80

■ 52, 53, 57


■ 31, 32, 35

■ 6, 8, 14


■ 0, 0, 0

 203, 204, 209


 203, 204, 209

 182, 186, 209

 213, 224, 209

 161, 169, 209


 218, 245, 209


 140, 152, 209

 210, 255, 209

 119, 134, 209

 209, 255, 209

 98, 117, 209

 78, 100, 209

 57, 82, 209

 36, 64, 209

 15, 47, 209

Harmonies

Analogous

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



200, 203, 209



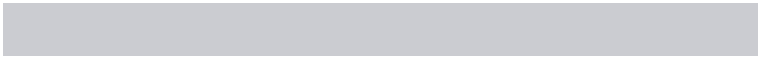
203, 204, 209



206, 203, 208

Triad

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



203, 204, 209



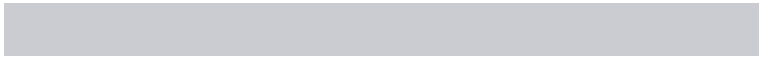
210, 204, 201



200, 204, 206

Complementary

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



203, 204, 209



204, 209, 203

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, 205, 203



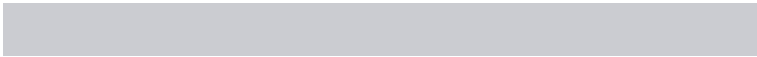
203, 204, 209



208, 208, 200

Square

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



203, 204, 209



210, 203, 203



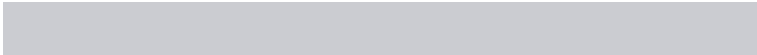
203, 206, 200



199, 203, 206

Rectangle

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



203, 204, 209



208, 203, 207



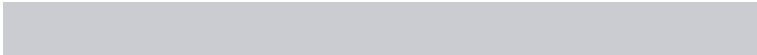
203, 206, 200



201, 205, 206

Sweetspot

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



203, 204, 209



252, 253, 255



203, 206, 209



126, 126, 128



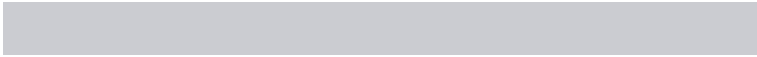
0, 0, 0



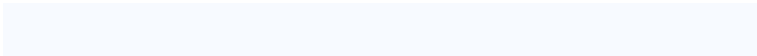
128, 128, 128

Same Dimension

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



203, 204, 209



247, 249, 255



205, 203, 209



100, 101, 105



0, 28, 168



0, 7, 41

Inverse Universe

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



209, 203, 204



255, 247, 249



203, 209, 205



105, 100, 101



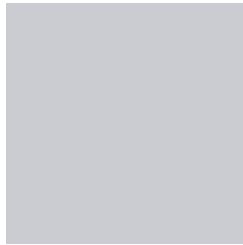
168, 0, 34



41, 0, 8

Previews

White Background



This preview shows how the RYB color 203, 204, 209 looks on a white background.

Color Contrast Check

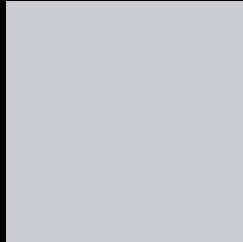
Large Text (above 18pt) WCAG AA × Fail

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 203, 204, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

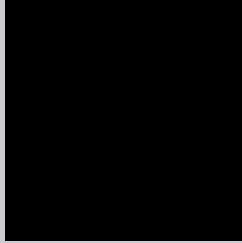
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

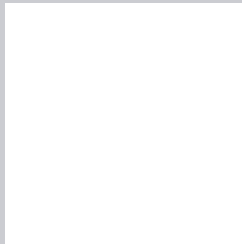
Any Text WCAG AAA ✓ Pass

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

RYB 203, 204, 209 Background



This preview shows how black text looks on a background with the RYB color 203, 204, 209.

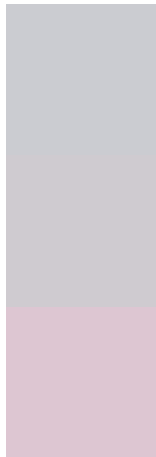


This preview shows how white text looks on a background with the RYB color 203, 204, 209.

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](#).

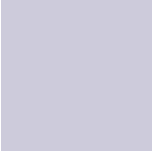
Dichromacy



Original Color
203, 204, 209

Protanopia
207, 203, 208

Deuteranopia
221, 198, 210



Tritanopia
205, 203, 219

Trichromacy



Original Color

203, 204, 209

Protanomaly

206, 203, 208

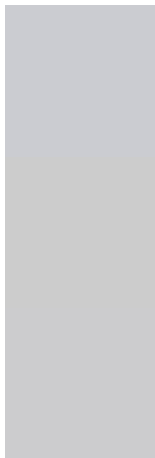
Deuteranomaly

214, 200, 210

Tritanomaly

204, 203, 215

Monochromacy



Original Color

203, 204, 209

Achromatopsia

204, 204, 204

Achromatomaly

204, 204, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 204, 209 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(203, 204, 209) looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 209)  
}
```

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(203, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 209) }
```

Border

The CSS property to change the border of an element to RYB 203, 204, 209 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(203, 204, 209) }
```

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

```
.border{ border-color:rgb(203, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 203, 204, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 209) }
```

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

```
.background{ background-color: rgb(203,  
204, 209) }
```

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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