

Converting Colors

`RYB(203, 203, 210)`

Have a look what the booklet for
RYB(203, 203, 210) contains.

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Color

R_YB(203, 203, 210)

Conversions

Conversions Part 1

Format	Color
Hex	CBCBD2
RGB	203, 203, 210
RGB Percent	80%, 80%, 82%
CMY	0.2039, 0.2039, 0.1765
CMYK	0.03, 0.03, 0.00, 0.18
HSL	240°, 7%, 81%
HSV	240°, 3%, 82%
XYZ	57.6174, 60.0615, 69.5290
YIQ	203.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

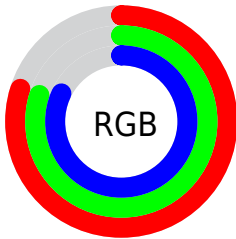
Format	Color
R _Y B	203, 203, 210
Decimal	13355986
CIE Lab	81.87, 1.30, -3.48
CIE LCh	82, 3.718, 290.521
Yxy	60.0615, 0.3078, 0.3208
Android (android.graphics.Color)	4291546066 (0xFFCBCBD2)
YUV	203.7980, 3.0576, -0.6998
Hunter-Lab	77.4994, -2.9169, 1.0572

Details

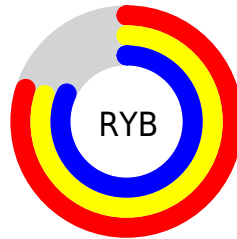
The RYB color **203, 203, 210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 210, 203**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 149, 156** is the 20% darker color. If you saturate the color by 10%, you get **182, 182, 210**, and if you desaturate by 10%, it is **210, 224, 210**.

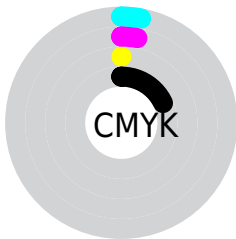
Distribution



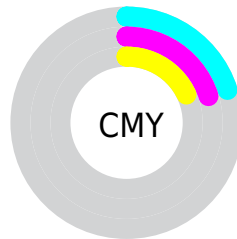
- Red (80%)
- Green (80%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 203, 210 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, 203, 210 by changing the saturation by 10% instead.

■ 203, 203, 210

255, 255, 255

■ 203, 203, 210

■ 176, 176, 182

■ 149, 149, 156

■ 123, 123, 130

■ 98, 98, 104

■ 74, 75, 80

■ 52, 52, 57

■ 31, 31, 36

■ 6, 6, 15

■ 0, 0, 0

■ 203, 203, 210

■ 203, 203, 210

■ 182, 182, 210

■ 210, 224, 210

■ 161, 161, 210

■ 210, 245, 210

■ 140, 140, 210

■ 210, 255, 210

■ 119, 119, 210

■ 98, 98, 210

■ 77, 77, 210

■ 56, 56, 210

■ 35, 35, 210

■ 14, 14, 210

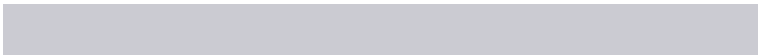
Harmonies

Analogous

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



199, 202, 210



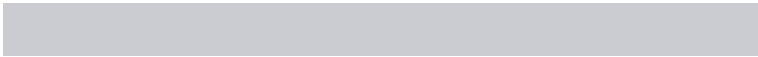
203, 203, 210



207, 202, 208

Triad

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



203, 203, 210



211, 204, 198



197, 203, 206

Complementary

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



203, 203, 210



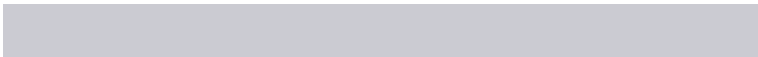
203, 210, 203

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.



199, 205, 204



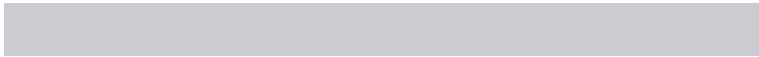
203, 203, 210



206, 208, 197

Square

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



203, 203, 210



211, 201, 201



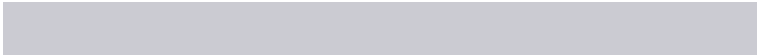
197, 204, 197



195, 201, 206

Rectangle

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



203, 203, 210



209, 202, 206



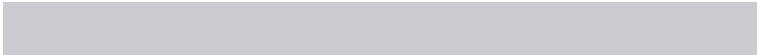
197, 204, 197



198, 203, 205

Sweetspot

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



203, 203, 210



252, 252, 255



203, 207, 210



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 203, 210



245, 245, 255



206, 203, 210



99, 99, 105



0, 0, 168



0, 0, 41

Inverse Universe

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



210, 203, 210



255, 245, 255



203, 210, 207



105, 99, 105



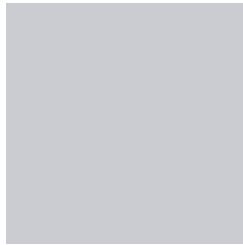
168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RYB color 203, 203, 210 looks on a white background.

Color Contrast Check

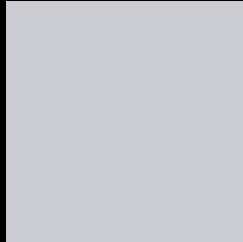
Large Text (above 18pt) WCAG AA × Fail

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, 203, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

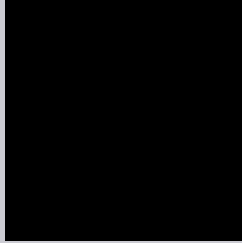
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

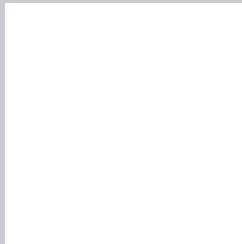
Any Text WCAG AAA ✓ Pass

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

RYB 203, 203, 210 Background



This preview shows how black text looks on a background with the RYB color 203, 203, 210.

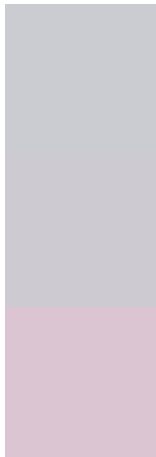


This preview shows how white text looks on a background with the RYB color 203, 203, 210.

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, 203, 210

Protanopia
205, 202, 210

Deuteranopia
220, 197, 211



Tritanopia

204, 202, 218

Trichromacy



Original Color

203, 203, 210

Protanomaly

204, 202, 210

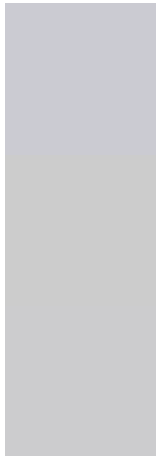
Deuteranomaly

214, 199, 211

Tritanomaly

204, 202, 215

Monochromacy



Original Color

203, 203, 210

Achromatopsia

204, 204, 204

Achromatomaly

204, 204, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 203, 210 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, 203, 210) looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 210)  
}
```

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, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 210) }
```

Border

The CSS property to change the border of an element to RYB 203, 203, 210 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, 203, 210) }
```

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

```
.border{ border-color:rgb(203, 203, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 203, 203, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 210) }
```

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

```
.background{ background-color: rgb(203,  
203, 210) }
```

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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