

Converting Colors

`RYB(208, 211, 211)`

Have a look what the booklet for
RYB(208, 211, 211) contains.

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Color

R_YB(208, 211, 211)

Conversions

Conversions Part 1

Format	Color
Hex	D0D3D0
RGB	208, 211, 208
RGB Percent	82%, 83%, 82%
CMY	0.1843, 0.1725, 0.1843
CMYK	0.01, 0.00, 0.01, 0.17
HSL	120°, 3%, 82%
HSV	120°, 1%, 83%
XYZ	60.6919, 64.5525, 68.9356
YIQ	209.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

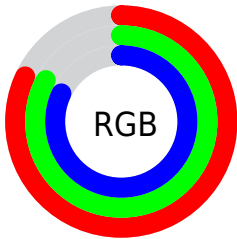
Format	Color
R _Y B	208, 211, 211
Decimal	13685712
CIE Lab	84.25, -1.56, 1.11
CIE LCh	84, 1.920, 144.503
Yxy	64.5525, 0.3126, 0.3324
Android (android.graphics.Color)	4291875792 (0xFFD0D3D0)
YUV	209.7610, -0.8682, -1.5444
Hunter-Lab	80.3446, -5.7650, 5.3704

Details

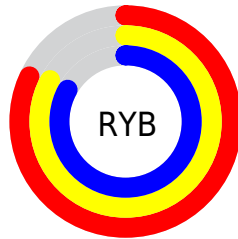
The RYB color **208, 211, 211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211, 208, 211**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **154, 157, 157** is the 20% darker color. If you saturate the color by 10%, you get **187, 211, 211**, and if you desaturate by 10%, it is **229, 211, 229**.

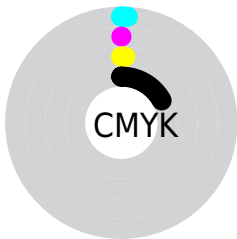
Distribution



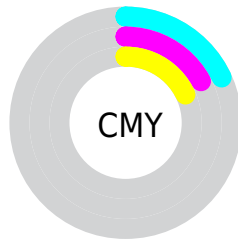
- Red (82%)
- Green (83%)
- Blue (82%)



- Red (82%)
- Yellow (83%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 211, 211 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 208, 211, 211 by changing the saturation by 10% instead.

■ 208, 211, 211

255, 255, 255

■ 208, 211, 211

■ 180, 183, 183

■ 154, 157, 157

■ 128, 130, 130

■ 103, 105, 105

■ 79, 81, 81

■ 56, 58, 58

■ 35, 37, 37

■ 13, 16, 16

■ 0, 0, 0

 208, 211, 211

 208, 211, 211

 187, 211, 211

 229, 211, 229

 166, 211, 211

 250, 211, 250

 145, 211, 211

 255, 211, 255

 124, 211, 211

 102, 211, 211

 81, 211, 211

 60, 211, 211

 39, 211, 211

 18, 211, 211

Harmonies

Analogous

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



207, 211, 208



208, 211, 211



206, 209, 211

Triad

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



208, 211, 211



208, 210, 214



214, 209, 209

Complementary

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



208, 211, 211



211, 208, 211

Split Complementary

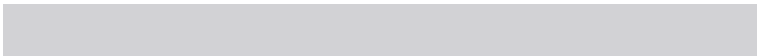
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214, 209, 211



208, 211, 211



210, 210, 213

Square

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



208, 211, 211



207, 209, 213



212, 209, 212



214, 210, 207

Rectangle

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



208, 211, 211



206, 209, 211



212, 209, 212



214, 209, 209

Sweetspot

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



208, 211, 211

255, 255, 255



208, 211, 208



128, 128, 128



0, 0, 0

Same Dimension

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



208, 211, 211



250, 255, 255



208, 210, 211



102, 105, 105



0, 168, 168



0, 41, 41

Inverse Universe

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



211, 208, 211



255, 250, 255



211, 208, 210



105, 102, 105



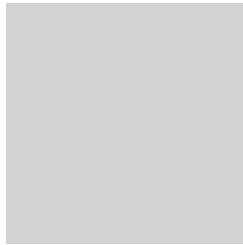
168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RYB color 208, 211, 211 looks on a white background.

Color Contrast Check

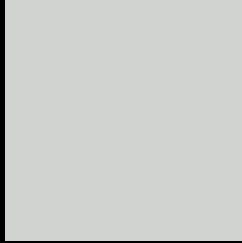
Large Text (above 18pt) WCAG AA × Fail

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 208, 211, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

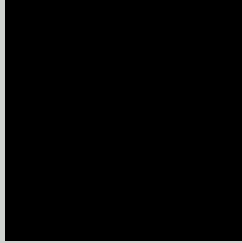
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

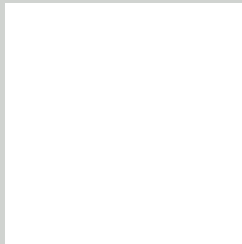
Any Text WCAG AAA ✓ Pass

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

RYB 208, 211, 211 Background



This preview shows how black text looks on a background with the RYB color 208, 211, 211.

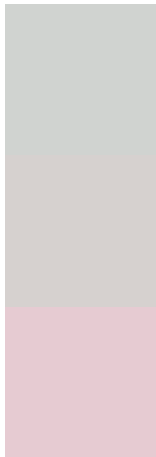


This preview shows how white text looks on a background with the RYB color 208, 211, 211.

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
208, 211, 211

Protanopia
214, 210, 207

Deuteranopia
230, 203, 210



Tritanopia
211, 208, 225

Trichromacy



Original Color

208, 211, 211

Protanomaly

210, 212, 207

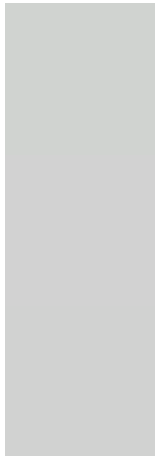
Deuteranomaly

222, 206, 209

Tritanomaly

210, 209, 219

Monochromacy



Original Color

208, 211, 211

Achromatopsia

210, 210, 210

Achromatomaly

209, 210, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 211, 211 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(208, 211, 208) looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 208)  
}
```

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(208, 211, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 208) }
```

Border

The CSS property to change the border of an element to RYB 208, 211, 211 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(208, 211, 208) }
```

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

```
.border{ border-color:rgb(208, 211, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 211, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 208, 211, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 208) }
```

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

```
.background{ background-color: rgb(208,  
211, 208) }
```

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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