

Converting Colors

`RYB(208, 216, 219)`

Have a look what the booklet for
RYB(208, 216, 219) contains.

RYB(208, 216, 219)	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

R_YB(208, 216, 219)

Conversions

Conversions Part 1

Format	Color
Hex	D0DBD4
RGB	208, 219, 212
RGB Percent	82%, 86%, 83%
CMY	0.1843, 0.1412, 0.1681
CMYK	0.05, 0.00, 0.03, 0.14
HSL	143°, 13%, 84%
HSV	143°, 5%, 86%
XYZ	63.2434, 68.8327, 72.3228
YIQ	214.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

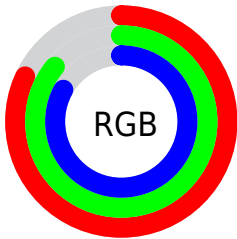
Format	Color
R _Y B	208, 216, 219
Decimal	13687764
CIE Lab	86.42, -4.96, 2.09
CIE LCh	86, 5.380, 157.190
Yxy	68.8327, 0.3094, 0.3368
Android (android.graphics.Color)	4291877844 (0xFFD0DBD4)
YUV	214.9130, -1.4361, -6.0627
Hunter-Lab	82.9655, -9.1216, 6.3915

Details

The RYB color **208, 216, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 208, 215**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 162, 164** is the 20% darker color. If you saturate the color by 10%, you get **186, 210, 219**, and if you desaturate by 10%, it is **230, 219, 226**.

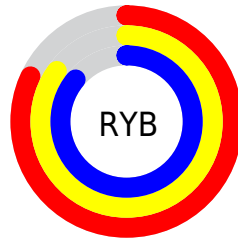
Distribution



Red (82%)

Green (86%)

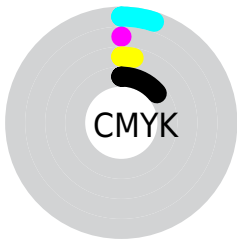
Blue (83%)



Red (82%)

Yellow (85%)

Blue (86%)

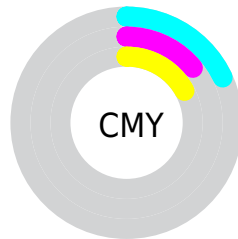


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 216, 219 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, 216, 219 by changing the saturation by 10% instead.

■ 208, 216, 219

255, 255, 255

■ 208, 216, 219

■ 180, 188, 191

■ 154, 161, 164

■ 128, 135, 138

■ 103, 110, 112

■ 79, 86, 88

■ 56, 63, 65

■ 34, 40, 43

■ 13, 19, 22

■ 0, 0, 0

 208, 216, 219


 208, 216, 219

 186, 210, 219


 230, 219, 226

 164, 204, 219


 252, 219, 239


 142, 198, 219


 255, 219, 253


 120, 192, 219


 255, 219, 255

 99, 186, 219

 77, 180, 219

 55, 175, 219

 33, 168, 219

 11, 162, 219

Harmonies

Analogous

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



208, 218, 213



208, 216, 219



205, 213, 219

Triad

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



208, 216, 219



213, 215, 226



227, 214, 210

Complementary

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



208, 216, 219



219, 208, 215

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.



227, 213, 215



208, 216, 219



219, 215, 224

Square

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



208, 216, 219



207, 214, 225



224, 213, 220



224, 222, 207

Rectangle

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



208, 216, 219



204, 212, 221



224, 213, 220



228, 213, 212

Sweetspot

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



208, 216, 219



250, 254, 255



208, 219, 212



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 216, 219



240, 251, 255



208, 214, 219



102, 108, 110



0, 126, 173



0, 34, 46

Inverse Universe

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



219, 208, 215



255, 240, 249



219, 208, 209



110, 102, 107



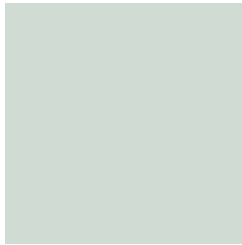
173, 0, 108



46, 0, 29

Previews

White Background



This preview shows how the RYB color 208, 216, 219 looks on a white background.

Color Contrast Check

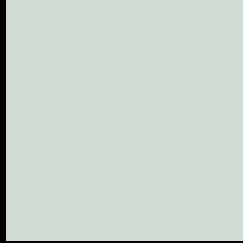
Large Text (above 18pt) WCAG AA × Fail

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, 216, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

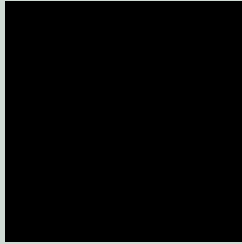
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

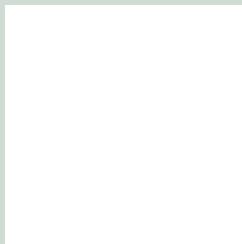
Any Text WCAG AAA ✓ Pass

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

RYB 208, 216, 219 Background



This preview shows how black text looks on a background with the RYB color 208, 216, 219.



This preview shows how white text looks on a background with the RYB color 208, 216, 219.

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





Tritanopia
211, 215, 233

Trichromacy



Original Color

208, 216, 219

Protanomaly

211, 216, 211

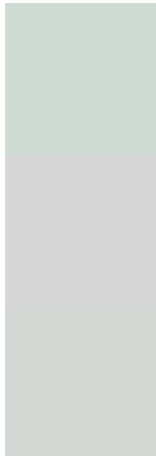
Deuteranomaly

226, 213, 213

Tritanomaly

210, 215, 225

Monochromacy



Original Color

208, 216, 219

Achromatopsia

215, 215, 215

Achromatomaly

212, 215, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 216, 219 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, 219, 212) looks like.

```
.text, #text, p{  
    color:rgb(208, 219, 212)  
}
```

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, 219, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 219, 212) }
```

Border

The CSS property to change the border of an element to RYB 208, 216, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

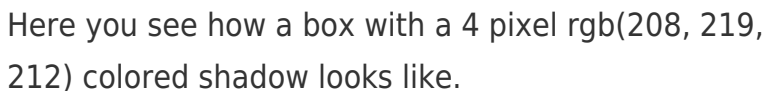
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 219, 212) }
```

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

```
.border{ border-color:rgb(208, 219, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 219, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 219, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 219, 212);  
box-shadow:4px 4px 4px 4px rgb(208, 219,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 208, 216, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 219, 212) }
```

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

```
.background{ background-color: rgb(208,  
219, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor