

Converting Colors

`RYB(208, 218, 213)`

Have a look what the booklet for
RYB(208, 218, 213) contains.

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Color

RYB(208, 218, 213)

Conversions

Conversions Part 1

Format	Color
Hex	D5DAD0
RGB	213, 218, 208
RGB Percent	84%, 85%, 82%
CMY	0.1647, 0.1451, 0.1843
CMYK	0.02, 0.00, 0.05, 0.15
HSL	90°, 12%, 84%
HSV	90°, 5%, 85%
XYZ	63.8971, 68.8430, 69.5948
YIQ	215.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

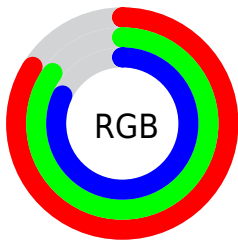
Format	Color
R _Y B	208, 218, 213
Decimal	14015184
CIE Lab	86.43, -3.48, 4.32
CIE LCh	86, 5.546, 128.892
Yxy	68.8430, 0.3158, 0.3402
Android (android.graphics.Color)	4292205264 (0xFFD5DAD0)
YUV	215.3650, -3.6309, -2.0741
Hunter-Lab	82.9717, -7.7362, 8.3491

Details

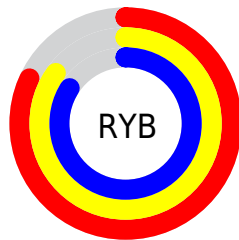
The RYB color **208, 218, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 208, 218**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 163, 159** is the 20% darker color. If you saturate the color by 10%, you get **186, 218, 202**, and if you desaturate by 10%, it is **224, 218, 230**.

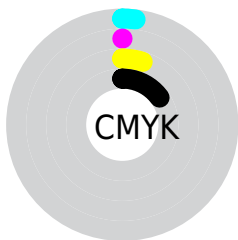
Distribution



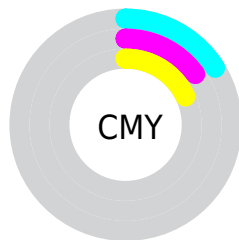
- Red (84%)
- Green (85%)
- Blue (82%)



- Red (82%)
- Yellow (85%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 218, 213 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, 218, 213 by changing the saturation by 10% instead.

■ 208, 218, 213

255, 255, 255

■ 208, 218, 213

■ 180, 190, 185

■ 154, 163, 159

■ 128, 137, 133

■ 103, 112, 108

■ 79, 87, 83

■ 56, 64, 60

■ 34, 42, 38

■ 13, 22, 17

■ 0, 0, 0

 208, 218, 213

 208, 218, 213

 186, 218, 202


 224, 218, 230

 164, 218, 191

 235, 218, 252

 143, 218, 181

 246, 218, 255

 121, 218, 170

 255, 218, 255

 99, 218, 158

 77, 218, 147

 55, 218, 136

 34, 218, 126

 12, 218, 115

Harmonies

Analogous

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



210, 219, 206



208, 218, 213



207, 215, 219

Triad

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



208, 218, 213



207, 214, 226



228, 213, 215

Complementary

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



208, 218, 213



213, 208, 218

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.



225, 213, 220



208, 218, 213



213, 215, 227

Square

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



208, 218, 213



204, 212, 223



219, 214, 224



228, 214, 210

Rectangle

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



208, 218, 213



205, 213, 219



219, 214, 224



227, 213, 217

Sweetspot

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



208, 218, 213



252, 255, 253



218, 218, 208



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



208, 218, 213



240, 255, 248



208, 218, 218



102, 110, 106



0, 173, 86



0, 46, 23

Inverse Universe

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



213, 208, 218



247, 240, 255



218, 208, 218



106, 102, 110



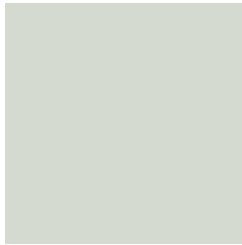
87, 0, 173



23, 0, 46

Previews

White Background



This preview shows how the RYB color 208, 218, 213 looks on a white background.

Color Contrast Check

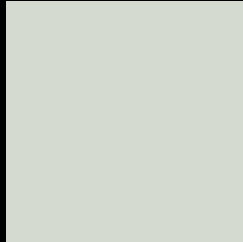
Large Text (above 18pt) WCAG AA × Fail

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, 218, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

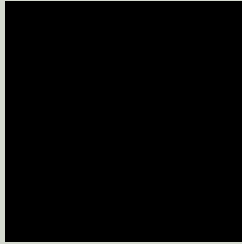
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

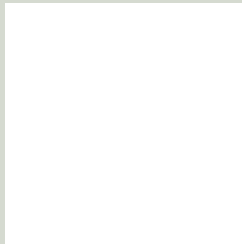
Any Text WCAG AAA ✓ Pass

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

R Y B 208, 218, 213 Background



This preview shows how black text looks on a background with the R Y B color 208, 218, 213.



This preview shows how white text looks on a background with the R Y B color 208, 218, 213.

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
217, 214, 231

Trichromacy



Original Color

208, 218, 213

Protanomaly

211, 219, 207

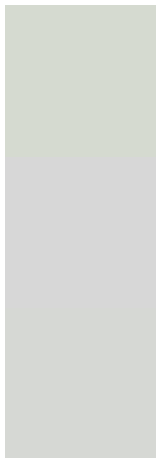
Deuteranomaly

230, 213, 209

Tritanomaly

216, 215, 223

Monochromacy



Original Color

208, 218, 213

Achromatopsia

215, 215, 215

Achromatomaly

212, 216, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 218, 213 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(213, 218, 208) looks like.

```
.text, #text, p{  
    color:rgb(213, 218, 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(213, 218, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 218, 208) }
```

Border

The CSS property to change the border of an element to RYB 208, 218, 213 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(213, 218, 208) }
```

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

```
.border{ border-color:rgb(213, 218, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 218, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 218, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 218, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 218,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 208, 218, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 218, 208) }
```

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

```
.background{ background-color: rgb(213,  
218, 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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