

Converting Colors

`RYB(198, 209, 218)`

Have a look what the booklet for RYB(198, 209, 218) contains.

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Color

R_YB(198, 209, 218)

Conversions

Conversions Part 1

Format	Color
Hex	C6DAD6
RGB	198, 218, 214
RGB Percent	78%, 85%, 84%
CMY	0.2235, 0.1451, 0.1594
CMYK	0.09, 0.00, 0.02, 0.15
HSL	169°, 21%, 82%
HSV	169°, 9%, 85%
XYZ	60.5442, 67.0222, 73.6076
YIQ	211.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

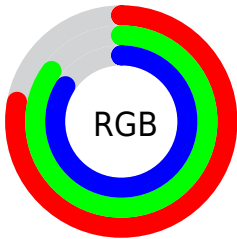
Format	Color
R _Y B	198, 209, 218
Decimal	13032150
CIE Lab	85.52, -7.35, -0.50
CIE LCh	86, 7.372, 183.918
Yxy	67.0222, 0.3010, 0.3332
Android (android.graphics.Color)	4291222230 (0xFFC6DAD6)
YUV	211.5640, 1.2009, -11.8956
Hunter-Lab	81.8671, -11.2591, 3.9986

Details

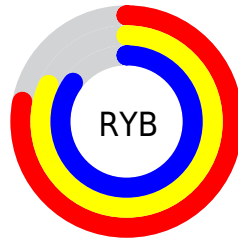
The RYB color **198, 209, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 198, 202**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 255**, and **144, 155, 163** is the 20% darker color. If you saturate the color by 10%, you get **176, 199, 218**, and if you desaturate by 10%, it is **220, 218, 218**.

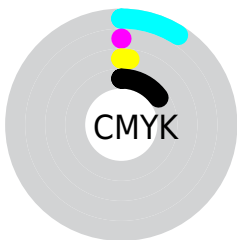
Distribution



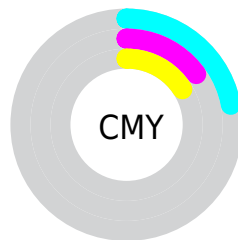
- Red (78%)
- Green (85%)
- Blue (84%)



- Red (78%)
- Yellow (82%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 209, 218 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 198, 209, 218 by changing the saturation by 10% instead.

■ 198, 209, 218

255, 255, 255

■ 198, 209, 218

■ 171, 181, 190

■ 144, 154, 163

■ 118, 128, 137

■ 94, 103, 111

■ 70, 79, 87

■ 47, 56, 64


■ 26, 35, 42

■ 0, 12, 22


■ 0, 0, 0

 198, 209, 218

 198, 209, 218

 176, 199, 218


 220, 218, 218

 154, 189, 218


 242, 218, 222

 133, 180, 218


 255, 218, 226

 111, 170, 218


 255, 218, 230

 89, 160, 218


 255, 218, 234

 67, 150, 218

 255, 218, 238

 45, 140, 218

 255, 218, 242

 24, 131, 218

 255, 218, 246

 2, 121, 218

 255, 218, 250

Harmonies

Analogous

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



203, 214, 217



198, 209, 218



197, 208, 221

Triad

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



198, 209, 218



216, 212, 225



225, 218, 201

Complementary

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



198, 209, 218



218, 198, 202

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.



229, 211, 206



198, 209, 218



224, 210, 220

Square

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



198, 209, 218



208, 213, 227



228, 209, 213



209, 219, 200

Rectangle

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



198, 209, 218



199, 210, 225



228, 209, 213



227, 215, 203

Sweetspot

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



198, 209, 218



247, 251, 255



198, 218, 214



122, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 209, 218



227, 242, 255



198, 206, 218



99, 105, 110



0, 95, 173



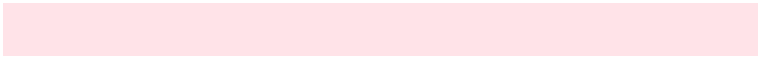
0, 25, 46

Inverse Universe

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



218, 198, 202



255, 227, 232



218, 207, 198



110, 99, 101



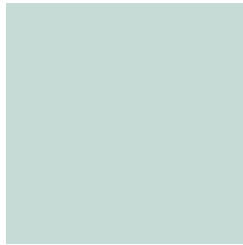
173, 0, 32



46, 0, 8

Previews

White Background



This preview shows how the RYB color 198, 209, 218 looks on a white background.

Color Contrast Check

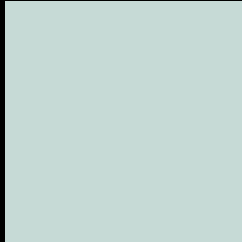
Large Text (above 18pt) WCAG AA × Fail

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 198, 209, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

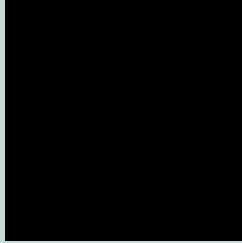
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

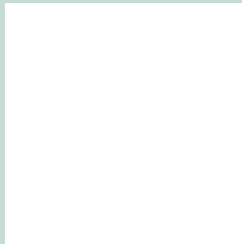
Any Text WCAG AAA ✓ Pass

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

R Y B 198, 209, 218 Background



This preview shows how black text looks on a background with the RYB color 198, 209, 218.



This preview shows how white text looks on a background with the RYB color 198, 209, 218.

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](#).

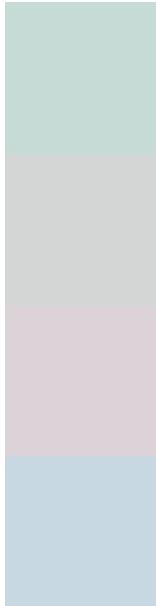
Dichromacy





Tritanopia
201, 211, 232

Trichromacy



Original Color

198, 209, 218

Protanomaly

211, 213, 214

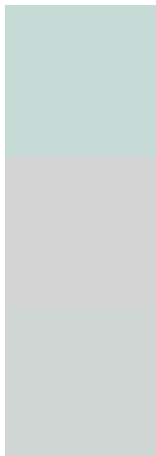
Deuteranomaly

220, 211, 216

Tritanomaly

200, 210, 226

Monochromacy



Original Color

198, 209, 218

Achromatopsia

212, 212, 212

Achromatomaly

207, 211, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 209, 218 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(198, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(198, 218, 214)  
}
```

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(198, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 218, 214) }
```

Border

The CSS property to change the border of an element to RYB 198, 209, 218 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(198, 218, 214) }
```

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

```
.border{ border-color:rgb(198, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(198, 218,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 198, 209, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 218, 214) }
```

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

```
.background{ background-color: rgb(198,  
218, 214) }
```

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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