

Converting Colors

`RYB(193, 209, 198)`

Have a look what the booklet for
RYB(193, 209, 198) contains.

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Color

R_YB(193, 209, 198)

Conversions

Conversions Part 1

Format	Color
Hex	CCD1C1
RGB	204, 209, 193
RGB Percent	80%, 82%, 76%
CMY	0.2000, 0.1804, 0.2431
CMYK	0.02, 0.00, 0.08, 0.18
HSL	79°, 15%, 79%
HSV	79°, 8%, 82%
XYZ	57.3279, 62.2886, 59.4535
YIQ	205.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

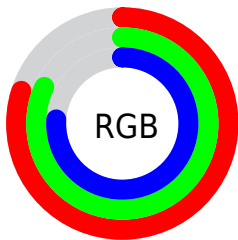
Format	Color
RYB	193, 209, 198
Decimal	13423041
CIELab	83.07, -4.56, 7.34
CIElCh	83, 8.636, 121.852
Yxy	62.2886, 0.3201, 0.3478
Android (android.graphics.Color)	4291613121 (0xFFCCD1C1)
YUV	205.6810, -6.2517, -1.4742
Hunter-Lab	78.9231, -8.4571, 10.5825

Details

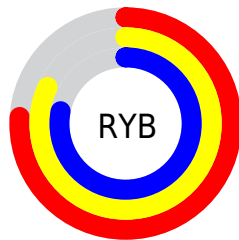
The RYB color **193, 209, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 193, 209**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **249, 255, 249**, and **140, 155, 145** is the 20% darker color. If you saturate the color by 10%, you get **172, 209, 184**, and if you desaturate by 10%, it is **211, 209, 214**.

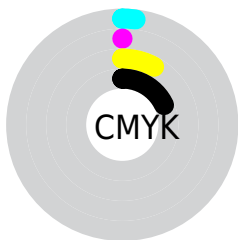
Distribution



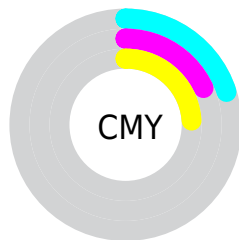
- Red (80%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 209, 198 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 193, 209, 198 by changing the saturation by 10% instead.

 193, 209, 198


255, 255, 255

 249, 255, 249

 193, 209, 198

 166, 181, 170

 140, 155, 145

 114, 129, 119

 90, 104, 95

 66, 80, 71

 44, 57, 49

 23, 35, 27

 0, 14, 9

 0, 0, 0

■ 193, 209, 198

■ 193, 209, 198

■ 172, 209, 184

■ 211, 209, 214

■ 151, 209, 169

■ 217, 209, 235

■ 130, 209, 155

■ 224, 209, 255

■ 109, 209, 140

■ 230, 209, 255

■ 89, 209, 127

■ 237, 209, 255

■ 68, 209, 112

■ 243, 209, 255

■ 47, 209, 98

■ 250, 209, 255

■ 26, 209, 83

■ 255, 209, 255

■ 5, 209, 69

Harmonies

Analogous

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



201, 213, 191



193, 209, 198



195, 208, 211

Triad

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



193, 209, 198



191, 203, 221



224, 201, 207

Complementary

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



193, 209, 198



198, 193, 209

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.



218, 202, 215



193, 209, 198



199, 205, 223

Square

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



193, 209, 198



187, 200, 215



209, 205, 221



225, 202, 199

Rectangle

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



193, 209, 198



190, 203, 212



209, 205, 221



222, 202, 209

Sweetspot

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



193, 209, 198



250, 255, 252



209, 200, 193



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



193, 209, 198



232, 255, 239



193, 209, 206



94, 105, 98



0, 168, 52



0, 41, 13

Inverse Universe

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



198, 193, 209



239, 232, 255



206, 193, 209



97, 94, 105



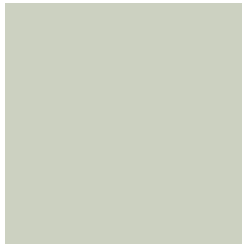
53, 0, 168



13, 0, 41

Previews

White Background



This preview shows how the RYB color 193, 209, 198 looks on a white background.

Color Contrast Check

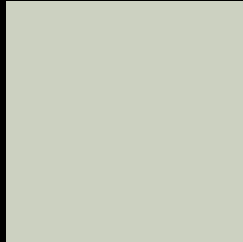
Large Text (above 18pt) WCAG AA × Fail

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 193, 209, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

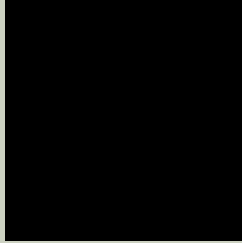
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

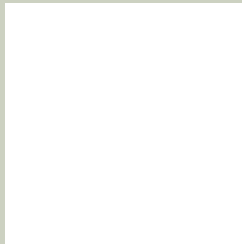
Any Text WCAG AAA ✓ Pass

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

RYB 193, 209, 198 Background



This preview shows how black text looks on a background with the RYB color 193, 209, 198.

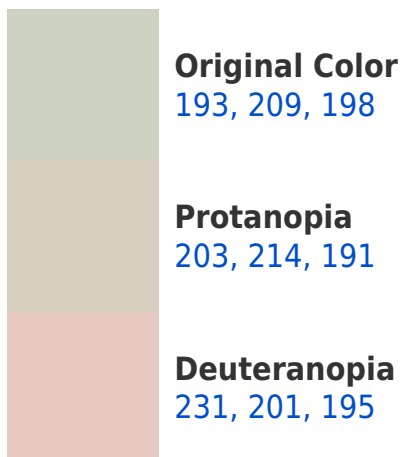


This preview shows how white text looks on a background with the RYB color 193, 209, 198.

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
208, 205, 221

Trichromacy



Original Color
193, 209, 198

Protanomaly
196, 210, 192

Deuteranomaly
221, 208, 194

Tritanomaly
207, 206, 211

Monochromacy



Original Color
193, 209, 198

Achromatopsia
206, 206, 206

Achromatomaly
201, 207, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 209, 198 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(204, 209, 193) looks like.

```
.text, #text, p{  
    color:rgb(204, 209, 193)  
}
```

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(204, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 209, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 209, 198 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(204, 209, 193) }
```

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

```
.border{ border-color:rgb(204, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(204, 209,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 209, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 209, 193) }
```

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

```
.background{ background-color: rgb(204,  
209, 193) }
```

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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