

Converting Colors

`RYB(192, 209, 198)`

Have a look what the booklet for
RYB(192, 209, 198) contains.

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Color

R_YB(192, 209, 198)

Conversions

Conversions Part 1

Format	Color
Hex	CBD1C0
RGB	203, 209, 192
RGB Percent	80%, 82%, 75%
CMY	0.2039, 0.1804, 0.2471
CMYK	0.03, 0.00, 0.08, 0.18
HSL	81°, 16%, 79%
HSV	81°, 8%, 82%
XYZ	56.9435, 62.1032, 58.8550
YIQ	205.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

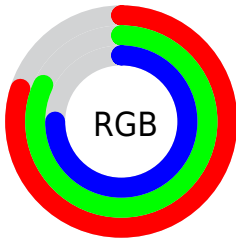
Format	Color
RYB	192, 209, 198
Decimal	13357504
CIELab	82.97, -5.08, 7.72
CIELCh	83, 9.238, 123.359
Yxy	62.1032, 0.3201, 0.3491
Android (android.graphics.Color)	4291547584 (0xFFCBD1C0)
YUV	205.2680, -6.5411, -1.9890
Hunter-Lab	78.8056, -8.9289, 10.8839

Details

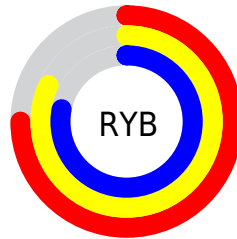
The RYB color **192, 209, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 192, 209**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **248, 255, 248**, and **139, 155, 145** is the 20% darker color. If you saturate the color by 10%, you get **171, 209, 184**, and if you desaturate by 10%, it is **210, 209, 213**.

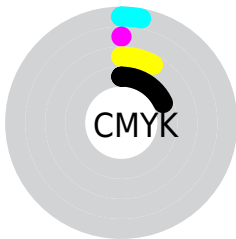
Distribution



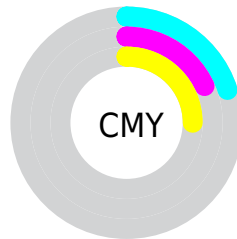
- Red (80%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 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 192, 209, 198 by changing the saturation by 10% instead.

 192, 209, 198

255, 255, 255


 248, 255, 248

 192, 209, 198


 165, 181, 170

 139, 155, 145


 113, 129, 119

 89, 104, 95

 65, 80, 71

 43, 57, 48


 23, 35, 28


 0, 14, 11

 0, 0, 0

 192, 209, 198

 192, 209, 198

 171, 209, 184

 210, 209, 213

 150, 209, 171

 218, 209, 234

 129, 209, 157

 225, 209, 255

 108, 209, 144

 233, 209, 255

 88, 209, 131

 240, 209, 255

 67, 209, 117

 247, 209, 255

 46, 209, 104

 255, 209, 255

 25, 209, 90

 4, 209, 76

Harmonies

Analogous

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



199, 213, 189



192, 209, 198



193, 207, 211

Triad

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



192, 209, 198



190, 202, 222



225, 201, 206

Complementary

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



192, 209, 198



198, 192, 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.



219, 202, 215



192, 209, 198



199, 205, 224

Square

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



192, 209, 198



186, 200, 216



210, 204, 221



225, 202, 197

Rectangle

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



192, 209, 198



189, 203, 212



210, 204, 221



223, 201, 209

Sweetspot

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



192, 209, 198



250, 255, 252



209, 201, 192



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



192, 209, 198



230, 255, 239



192, 209, 206



94, 105, 98



0, 168, 59



0, 41, 15

Inverse Universe

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



198, 192, 209



239, 230, 255



206, 192, 209



98, 94, 105



59, 0, 168



14, 0, 41

Previews

White Background



This preview shows how the RYB color 192, 209, 198 looks on a white background.

Color Contrast Check

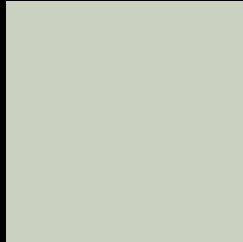
Large Text (above 18pt) WCAG AA × Fail

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 192, 209, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

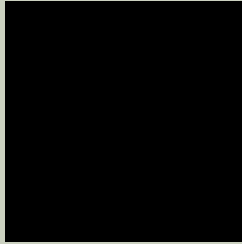
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

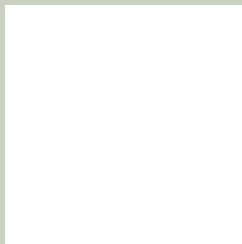
Any Text WCAG AAA ✓ Pass

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

RYB 192, 209, 198 Background



This preview shows how black text looks on a background with the RYB color 192, 209, 198.



This preview shows how white text looks on a background with the RYB color 192, 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



Original Color
192, 209, 198

Protanopia
202, 214, 190

Deuteranopia
231, 200, 194



Tritanopia
207, 205, 221

Trichromacy



Original Color
192, 209, 198

Protanomaly
195, 210, 191

Deuteranomaly
221, 209, 193

Tritanomaly
206, 206, 210

Monochromacy



Original Color
192, 209, 198

Achromatopsia
205, 205, 205

Achromatomaly
200, 206, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 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(203, 209, 192) looks like.

```
.text, #text, p{  
    color:rgb(203, 209, 192)  
}
```

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(203, 209, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 209, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 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(203, 209, 192) }
```

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

```
.border{ border-color:rgb(203, 209, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 209, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 209, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 209, 192); box-shadow:4px 4px 4px 4px rgb(203, 209, 192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 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(203, 209, 192) }
```

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

```
.background{ background-color: rgb(203,  
209, 192) }
```

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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