

Converting Colors

`RYB(191, 203, 194)`

Have a look what the booklet for
RYB(191, 203, 194) contains.

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Color

R_YB(191, 203, 194)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C8CBBF |
| RGB | 200, 203, 191 |
| RGB Percent | 78%, 80%, 75% |
| CMY | 0.2157, 0.2039, 0.2510 |
| CMYK | 0.01, 0.00, 0.06, 0.20 |
| HSL | 75°, 10%, 77% |
| HSV | 75°, 6%, 80% |
| XYZ | 54.5793, 58.7528, 57.7540 |
| YIQ | 200.7350, 2.0640, -4.3680 |

Conversions

Conversions Part 2

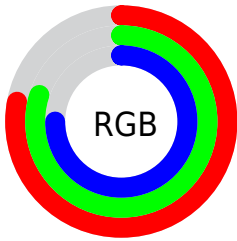
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 191, 203, 194 |
| Decimal | 13159359 |
| CIELab | 81.16, -3.18, 5.61 |
| CIElCh | 81, 6.453, 119.552 |
| Yxy | 58.7528, 0.3190, 0.3434 |
| Android (android.graphics.Color) | 4291349439 (0xFFC8CBBF) |
| YUV | 200.7350, -4.7994, -0.6446 |
| Hunter-Lab | 76.6504, -7.0363, 8.9819 |

Details

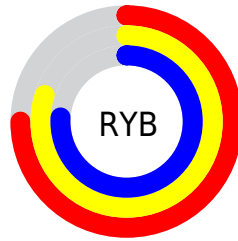
The RYB color **191, 203, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 191, 203**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **247, 255, 247**, and **138, 149, 141** is the 20% darker color. If you saturate the color by 10%, you get **171, 203, 179**, and if you desaturate by 10%, it is **205, 203, 211**.

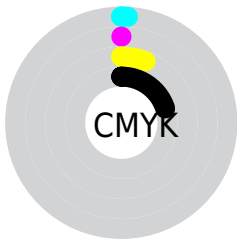
Distribution



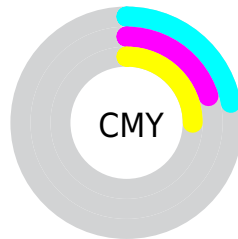
- Red (78%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (80%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 203, 194 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 191, 203, 194 by changing the saturation by 10% instead.

 191, 203, 194

255, 255, 255

 247, 255, 247

 191, 203, 194


 164, 176, 167

 138, 149, 141

 112, 123, 115

 88, 98, 90

 65, 75, 68

 43, 52, 46


 22, 31, 25

 0, 7, 7

 0, 0, 0

 191, 203, 194

 191, 203, 194

 171, 203, 179

 205, 203, 211

 150, 203, 163

 210, 203, 232

 130, 203, 148

 215, 203, 252

 110, 203, 133

 220, 203, 255

 90, 203, 118

 225, 203, 255

 69, 203, 102

 230, 203, 255

 49, 203, 88

 236, 203, 255

 29, 203, 73

 241, 203, 255

 8, 203, 57

 246, 203, 255

Harmonies

Analogous

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



199, 207, 190



191, 203, 194



193, 203, 205

Triad

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



191, 203, 194



190, 199, 212



214, 198, 202

Complementary

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



191, 203, 194



194, 191, 203

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.



210, 198, 208



191, 203, 194



195, 200, 213

Square

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



191, 203, 194



187, 196, 207



203, 200, 212



215, 198, 196

Rectangle

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



191, 203, 194



190, 199, 205



203, 200, 212



213, 198, 204

Sweetspot

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



191, 203, 194



250, 255, 251



203, 195, 191



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



191, 203, 194



237, 255, 241



191, 203, 200



94, 102, 96



0, 166, 42



0, 38, 9

Inverse Universe

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



194, 191, 203



242, 237, 255



200, 191, 203



96, 94, 102



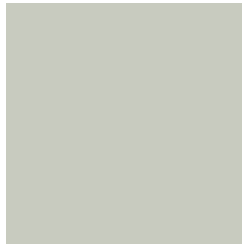
41, 0, 166



10, 0, 38

Previews

White Background



This preview shows how the RYB color 191, 203, 194 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 191, 203, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

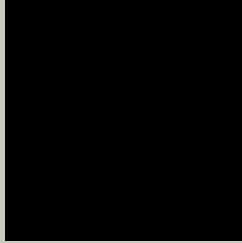
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

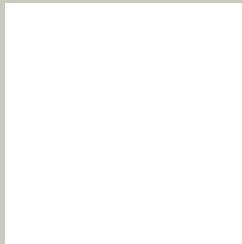
Any Text WCAG AAA ✓ Pass

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

R/Y/B 191, 203, 194 Background



This preview shows how black text looks on a background with the RYB color 191, 203, 194.



This preview shows how white text looks on a background with the RYB color 191, 203, 194.

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
[191, 203, 194](#)

Protanopia
[201, 208, 190](#)

Deuteranopia
[224, 195, 193](#)



Tritanopia
204, 199, 215

Trichromacy



Original Color

191, 203, 194

Protanomaly

194, 205, 190

Deuteranomaly

215, 200, 192

Tritanomaly

203, 200, 206

Monochromacy



Original Color

191, 203, 194

Achromatopsia

201, 201, 201

Achromatomaly

197, 202, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 203, 194 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(200, 203, 191) looks like.

```
.text, #text, p{  
    color:rgb(200, 203, 191)  
}
```

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(200, 203, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 203, 191) }
```

Border

The CSS property to change the border of an element to RYB 191, 203, 194 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(200, 203, 191) }
```

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

```
.border{ border-color:rgb(200, 203, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 203, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 203, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 203, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 203,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 191, 203, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 203, 191) }
```

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

```
.background{ background-color: rgb(200,  
203, 191) }
```

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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