

Converting Colors

`RYB(194, 206, 203)`

Have a look what the booklet for
RYB(194, 206, 203) contains.

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Color

$\text{RYB}(194, 206, 203)$

Conversions

Conversions Part 1

Format	Color
Hex	C5CEC2
RGB	197, 206, 194
RGB Percent	77%, 81%, 76%
CMY	0.2275, 0.1922, 0.2392
CMYK	0.04, 0.00, 0.06, 0.19
HSL	105°, 11%, 78%
HSV	105°, 6%, 81%
XYZ	54.8349, 59.9080, 59.7122
YIQ	201.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

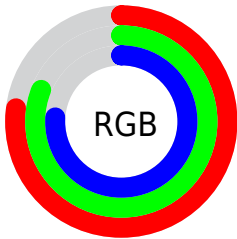
Format	Color
RYB	194, 206, 203
Decimal	12963522
CIELab	81.79, -5.26, 4.89
CIELCh	82, 7.186, 137.071
Yxy	59.9080, 0.3143, 0.3434
Android (android.graphics.Color)	4291153602 (0xFFC5CEC2)
YUV	201.9410, -3.9149, -4.3333
Hunter-Lab	77.4002, -8.9906, 8.4395

Details

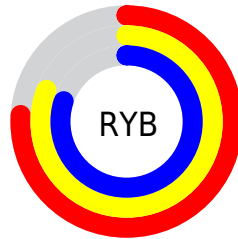
The RYB color **194, 206, 203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 194, 206**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **250, 255, 251**, and **140, 152, 149** is the 20% darker color. If you saturate the color by 10%, you get **173, 206, 197**, and if you desaturate by 10%, it is **212, 206, 215**.

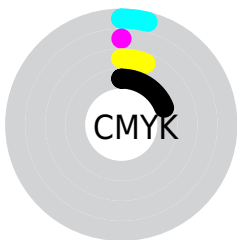
Distribution



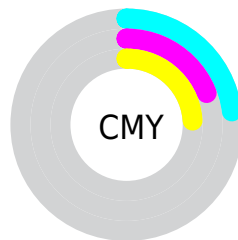
- Red (77%)
- Green (81%)
- Blue (76%)



- Red (76%)
- Yellow (81%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 206, 203 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 194, 206, 203 by changing the saturation by 10% instead.


 194, 206, 203

255, 255, 255


 250, 255, 251

 194, 206, 203

 167, 179, 176

 140, 152, 149


 115, 126, 123

 90, 101, 98

 67, 77, 75

 45, 54, 52

 24, 33, 31

 0, 10, 10

 0, 0, 0

 194, 206, 203

 194, 206, 203

 173, 206, 197

 212, 206, 215

 153, 206, 193

 228, 206, 235

 132, 206, 187

 243, 206, 255

 112, 206, 183

 255, 206, 255

 91, 206, 177

 70, 206, 172

 50, 206, 167

 29, 206, 162

 9, 206, 157

Harmonies

Analogous

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



191, 205, 190



194, 206, 203



190, 201, 207

Triad

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



194, 206, 203



193, 201, 216



218, 199, 200

Complementary

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



194, 206, 203



203, 194, 206

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.



216, 199, 206



194, 206, 203



201, 203, 216

Square

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



194, 206, 203



188, 199, 213



209, 200, 213



217, 202, 194

Rectangle

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



194, 206, 203



188, 198, 207



209, 200, 213



218, 199, 202

Sweetspot

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



194, 206, 203



250, 255, 254



198, 206, 194



125, 128, 127



0, 0, 0



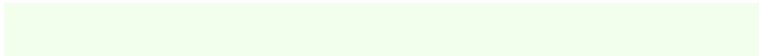
128, 128, 128

Same Dimension

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



194, 206, 203



237, 255, 250



194, 204, 206



94, 102, 100



0, 166, 125



0, 38, 28

Inverse Universe

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



203, 194, 206



251, 237, 255



206, 194, 203



100, 94, 102



124, 0, 166



29, 0, 38

Previews

White Background



This preview shows how the RYB color 194, 206, 203 looks on a white background.

Color Contrast Check

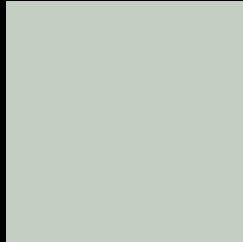
Large Text (above 18pt) WCAG AA × Fail

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 194, 206, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

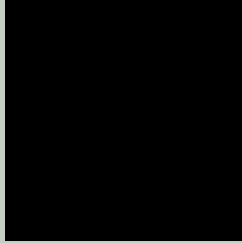
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

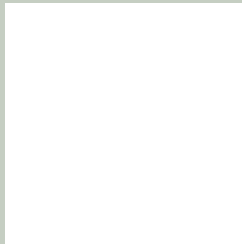
Any Text WCAG AAA ✓ Pass

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

R/Y/B 194, 206, 203 Background



This preview shows how black text looks on a background with the R/Y/B color 194, 206, 203.

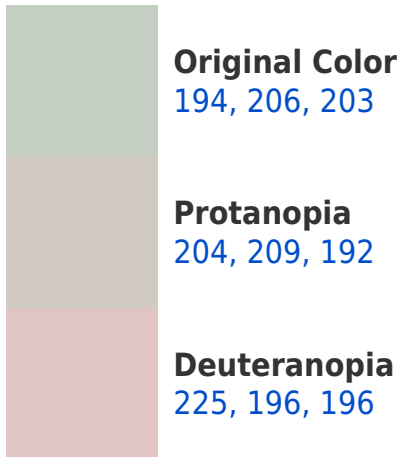


This preview shows how white text looks on a background with the R/Y/B color 194, 206, 203.

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, 202, 218

Trichromacy



Original Color

194, 206, 203

Protanomaly

195, 205, 193

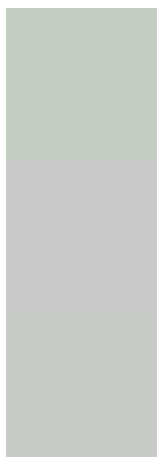
Deuteranomaly

215, 202, 195

Tritanomaly

200, 202, 209

Monochromacy



Original Color

194, 206, 203

Achromatopsia

202, 202, 202

Achromatomaly

199, 203, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 206, 203 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(197, 206, 194) looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 194)  
}
```

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(197, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 194) }
```

Border

The CSS property to change the border of an element to RYB 194, 206, 203 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(197, 206, 194) }
```

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

```
.border{ border-color:rgb(197, 206, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 206, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 194, 206, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 194) }
```

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

```
.background{ background-color: rgb(197,  
206, 194) }
```

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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