

Converting Colors

`RYB(194, 205, 199)`

Have a look what the booklet for
RYB(194, 205, 199) contains.

RYB(194, 205, 199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(194, 205, 199)

Conversions

Conversions Part 1

Format	Color
Hex	C8CDC2
RGB	200, 205, 194
RGB Percent	78%, 80%, 76%
CMY	0.2157, 0.1961, 0.2392
CMYK	0.02, 0.00, 0.05, 0.20
HSL	87°, 10%, 78%
HSV	87°, 5%, 80%
XYZ	55.3883, 59.8370, 59.6694
YIQ	202.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

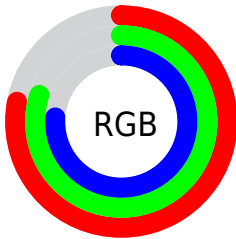
Format	Color
RYB	194, 205, 199
Decimal	13159874
CIELab	81.75, -3.70, 4.87
CIELCh	82, 6.113, 127.239
Yxy	59.8370, 0.3167, 0.3421
Android (android.graphics.Color)	4291349954 (0xFFC8CDC2)
YUV	202.2510, -4.0677, -1.9741
Hunter-Lab	77.3544, -7.5582, 8.4132

Details

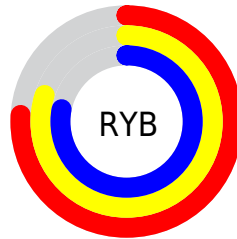
The RYB color **194, 205, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 194, 205**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is 250, 255, 250, and **140, 151, 145** is the 20% darker color. If you saturate the color by 10%, you get **173, 205, 187**, and if you desaturate by 10%, it is **209, 205, 214**.

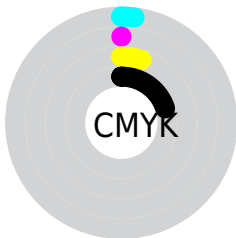
Distribution



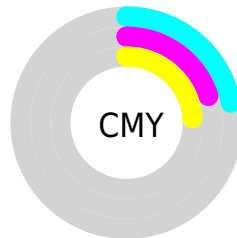
- Red (78%)
- Green (80%)
- Blue (76%)



- Red (76%)
- Yellow (80%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 205, 199 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, 205, 199 by changing the saturation by 10% instead.


 194, 205, 199

255, 255, 255


 250, 255, 250

 194, 205, 199

 167, 178, 172

 140, 151, 145

 115, 125, 120

 90, 100, 94

 67, 76, 71

 45, 54, 50

 24, 32, 28

 0, 9, 9

 0, 0, 0

■ 194, 205, 199

■ 194, 205, 199

■ 173, 205, 187

■ 209, 205, 214

■ 153, 205, 177

■ 219, 205, 235

■ 132, 205, 165

■ 228, 205, 255

■ 112, 205, 154

■ 237, 205, 255

■ 92, 205, 144

■ 247, 205, 255

■ 71, 205, 132

■ 255, 205, 255

■ 50, 205, 120

■ 30, 205, 110

■ 9, 205, 98

Harmonies

Analogous

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



197, 207, 192



194, 205, 199



194, 202, 206

Triad

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



194, 205, 199



193, 201, 214



216, 199, 202

Complementary

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



194, 205, 199



199, 194, 205

Split Complementary

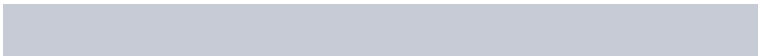
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212, 200, 208



194, 205, 199



199, 202, 214

Square

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



194, 205, 199



190, 199, 210



206, 201, 212



216, 201, 196

Rectangle

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



194, 205, 199



191, 200, 207



206, 201, 212



215, 199, 204

Sweetspot

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



194, 205, 199



250, 255, 252



205, 203, 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, 205, 199



240, 255, 247



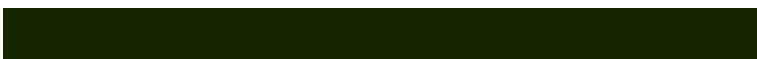
194, 205, 204



95, 102, 98



0, 166, 76



0, 38, 17

Inverse Universe

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



199, 194, 205



247, 240, 255



204, 194, 205



98, 95, 102



75, 0, 166



17, 0, 38

Previews

White Background



This preview shows how the RYB color 194, 205, 199 looks on a white background.

Color Contrast Check

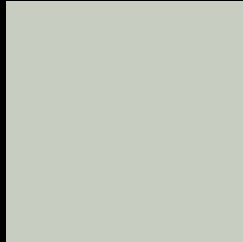
Large Text (above 18pt) WCAG AA × Fail

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, 205, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

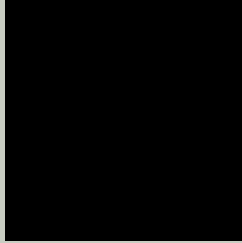
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

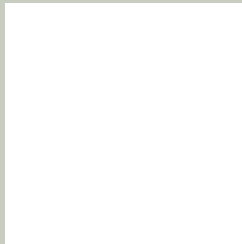
Any Text WCAG AAA ✓ Pass

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

RYB 194, 205, 199 Background



This preview shows how black text looks on a background with the RYB color 194, 205, 199.



This preview shows how white text looks on a background with the RYB color 194, 205, 199.

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
204, 201, 217

Trichromacy



Original Color

194, 205, 199

Protanomaly

197, 206, 193

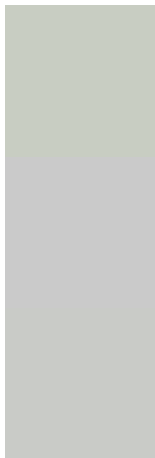
Deuteranomaly

216, 200, 195

Tritanomaly

203, 202, 209

Monochromacy



Original Color

194, 205, 199

Achromatopsia

202, 202, 202

Achromatomaly

199, 203, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 205, 199 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, 205, 194) looks like.

```
.text, #text, p{  
    color:rgb(200, 205, 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(200, 205, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 205, 194) }
```

Border

The CSS property to change the border of an element to RYB 194, 205, 199 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, 205, 194) }
```

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

```
.border{ border-color:rgb(200, 205, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 205, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 205, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 205, 194);  
box-shadow:4px 4px 4px 4px rgb(200, 205,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 194, 205, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 205, 194) }
```

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

```
.background{ background-color: rgb(200,  
205, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor