

Converting Colors

`RYB(195, 207, 213)`

Have a look what the booklet for
RYB(195, 207, 213) contains.

RYB(195, 207, 213)	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(195, 207, 213)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5CC
RGB	195, 213, 204
RGB Percent	76%, 84%, 80%
CMY	0.2353, 0.1647, 0.2000
CMYK	0.08, 0.00, 0.04, 0.16
HSL	150°, 18%, 80%
HSV	150°, 8%, 84%
XYZ	57.1990, 63.5502, 66.3785
YIQ	206.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

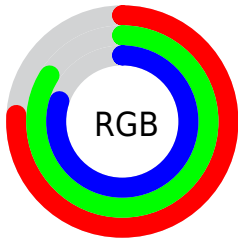
Format	Color
RYB	195, 207, 213
Decimal	12834252
CIELab	83.73, -7.74, 2.37
CIELCh	84, 8.092, 163.000
Yxy	63.5502, 0.3057, 0.3396
Android (android.graphics.Color)	4291024332 (0xFFC3D5CC)
YUV	206.5920, -1.2779, -10.1662
Hunter-Lab	79.7184, -11.4311, 6.4344

Details

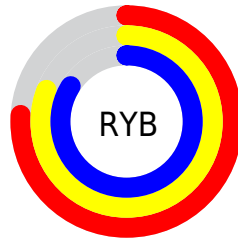
The RYB color **195, 207, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 195, 204**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 252, 254, 255, and **141, 152, 158** is the 20% darker color. If you saturate the color by 10%, you get **174, 200, 213**, and if you desaturate by 10%, it is **216, 213, 215**.

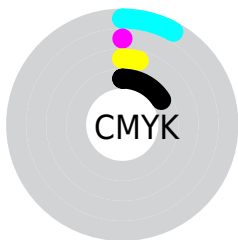
Distribution



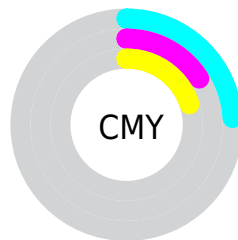
- Red (76%)
- Green (84%)
- Blue (80%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 207, 213 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 195, 207, 213 by changing the saturation by 10% instead.

■ 195, 207, 213

255, 255, 255

■ 252, 254, 255

■ 195, 207, 213

■ 168, 179, 185

■ 141, 152, 158

■ 116, 127, 132

■ 91, 102, 107

■ 67, 78, 83

■ 45, 55, 60

■ 24, 33, 38

■ 0, 13, 18


■ 0, 0, 0

 195, 207, 213


 195, 207, 213

 174, 200, 213


 216, 213, 215

 152, 192, 213


 238, 213, 225

 131, 186, 213


 255, 213, 236


 110, 179, 213


 255, 213, 247

 88, 171, 213

 255, 213, 255

 67, 164, 213

 46, 158, 213

 25, 150, 213

 3, 143, 213

Harmonies

Analogous

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



197, 212, 206



195, 207, 213



191, 202, 213

Triad

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



195, 207, 213



205, 208, 223



225, 207, 199

Complementary

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



195, 207, 213



213, 195, 204

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.



225, 204, 206



195, 207, 213



214, 206, 220

Square

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



195, 207, 213



196, 206, 223



222, 204, 213



220, 220, 194

Rectangle

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



195, 207, 213



190, 202, 217



222, 204, 213



225, 204, 201

Sweetspot

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



195, 207, 213



247, 252, 255



195, 213, 204



122, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 207, 213



230, 247, 255



195, 204, 213



96, 103, 107



0, 114, 171



0, 28, 43

Inverse Universe

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



213, 195, 204



255, 230, 242



213, 195, 195



107, 96, 102



171, 0, 85



43, 0, 22

Previews

White Background



This preview shows how the RYB color 195, 207, 213 looks on a white background.

Color Contrast Check

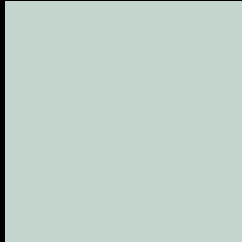
Large Text (above 18pt) WCAG AA × Fail

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 195, 207, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

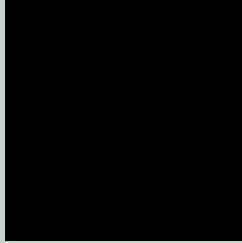
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

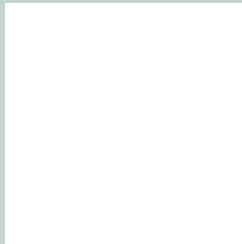
Any Text WCAG AAA ✓ Pass

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

RYB 195, 207, 213 Background



This preview shows how black text looks on a background with the RYB color 195, 207, 213.



This preview shows how white text looks on a background with the RYB color 195, 207, 213.

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
199, 207, 226

Trichromacy



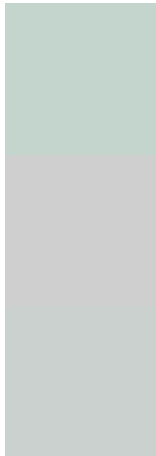
Original Color
195, 207, 213

Protanomaly
202, 210, 205

Deuteranomaly
217, 206, 205

Tritanomaly
198, 206, 218

Monochromacy



Original Color
195, 207, 213

Achromatopsia
207, 207, 207

Achromatomaly
203, 207, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 207, 213 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(195, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 204)  
}
```

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(195, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 204) }
```

Border

The CSS property to change the border of an element to RYB 195, 207, 213 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(195, 213, 204) }
```

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

```
.border{ border-color:rgb(195, 213, 204) }
```

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

Here you see how a box with a 4 pixel rgb(195, 213, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 195, 207, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 204) }
```

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

```
.background{ background-color: rgb(195,  
213, 204) }
```

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