

Converting Colors

`RYB(194, 213, 199)`

Have a look what the booklet for
RYB(194, 213, 199) contains.

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Color

R_YB(194, 213, 199)

Conversions

Conversions Part 1

Format	Color
Hex	D0D5C2
RGB	208, 213, 194
RGB Percent	82%, 84%, 76%
CMY	0.1843, 0.1647, 0.2392
CMYK	0.02, 0.00, 0.09, 0.16
HSL	76°, 18%, 80%
HSV	76°, 9%, 84%
XYZ	59.5443, 64.8934, 60.4263
YIQ	209.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

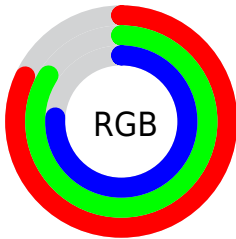
Format	Color
RYB	194, 213, 199
Decimal	13686210
CIELab	84.43, -5.05, 8.80
CIELCh	84, 10.145, 119.875
Yxy	64.8934, 0.3221, 0.3510
Android (android.graphics.Color)	4291876290 (0xFFD0D5C2)
YUV	209.3390, -7.5621, -1.1743
Hunter-Lab	80.5565, -9.0334, 11.9154

Details

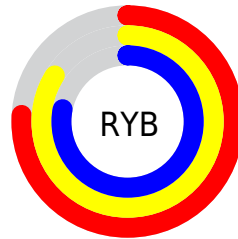
The RYB color **194, 213, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 194, 213**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **250, 255, 250**, and **140, 158, 144** is the 20% darker color. If you saturate the color by 10%, you get **173, 213, 184**, and if you desaturate by 10%, it is **214, 213, 215**.

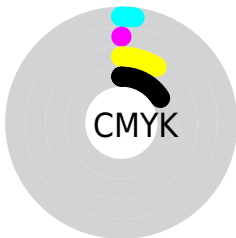
Distribution



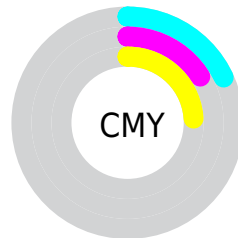
- Red (82%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 213, 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, 213, 199 by changing the saturation by 10% instead.

■ 194, 213, 199

255, 255, 255

■ 250, 255, 250

■ 194, 213, 199

■ 167, 185, 172

■ 140, 158, 144

■ 115, 132, 119

■ 90, 107, 94

■ 67, 83, 72

■ 45, 60, 49

■ 24, 38, 28

■ 0, 18, 6

■ 0, 0, 0

 194, 213, 199

 194, 213, 199

 173, 213, 184

 214, 213, 215

 151, 213, 167

 219, 213, 237

 130, 213, 152

 225, 213, 255

 109, 213, 136

 230, 213, 255

 87, 213, 120

 236, 213, 255

 66, 213, 105

 242, 213, 255

 45, 213, 89

 247, 213, 255

 24, 213, 74

 253, 213, 255

 2, 213, 57

 255, 213, 255

Harmonies

Analogous

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



206, 219, 192



194, 213, 199



197, 212, 215

Triad

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



194, 213, 199



191, 205, 227



230, 204, 211

Complementary

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



194, 213, 199



199, 194, 213

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.



223, 206, 220



194, 213, 199



201, 208, 230

Square

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



194, 213, 199



187, 202, 220



213, 208, 227



232, 205, 202

Rectangle

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



194, 213, 199



192, 207, 216



213, 208, 227



228, 205, 214

Sweetspot

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



194, 213, 199



247, 255, 249



213, 201, 194



122, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



194, 213, 199



227, 255, 234



194, 213, 208



96, 107, 99



0, 171, 45



0, 43, 11

Inverse Universe

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



199, 194, 213



234, 227, 255



208, 194, 213



99, 96, 107



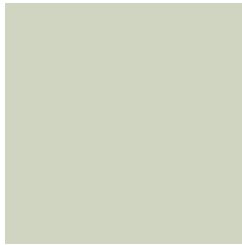
45, 0, 171



11, 0, 43

Previews

White Background



This preview shows how the RYB color 194, 213, 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, 213, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

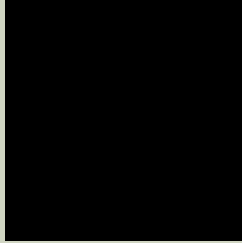
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

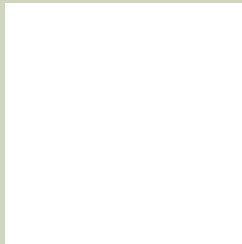
Any Text WCAG AAA ✓ Pass

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

RYP 194, 213, 199 Background



This preview shows how black text looks on a background with the RYB color 194, 213, 199.

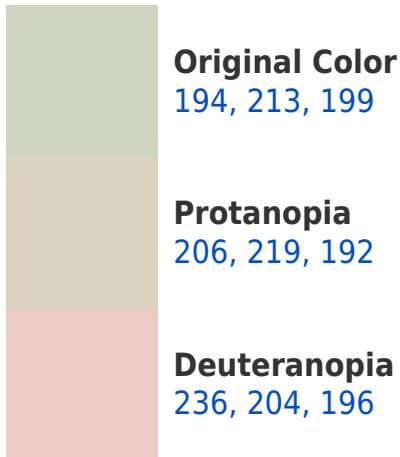


This preview shows how white text looks on a background with the RYB color 194, 213, 199.

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](#).

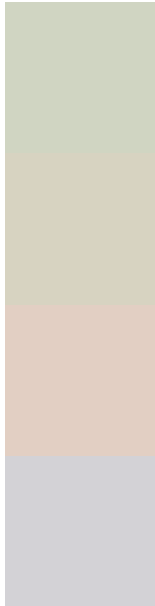
Dichromacy





Tritanopia
213, 208, 225

Trichromacy



Original Color

194, 213, 199

Protanomaly

198, 215, 193

Deuteranomaly

226, 215, 195

Tritanomaly

211, 210, 214

Monochromacy



Original Color

194, 213, 199

Achromatopsia

209, 209, 209

Achromatomaly

204, 210, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 213, 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(208, 213, 194) looks like.

```
.text, #text, p{  
    color:rgb(208, 213, 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(208, 213, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 213, 194) }
```

Border

The CSS property to change the border of an element to RYB 194, 213, 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(208, 213, 194) }
```

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

```
.border{ border-color:rgb(208, 213, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 213, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 213, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 213, 194);  
box-shadow:4px 4px 4px 4px rgb(208, 213,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 194, 213, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 213, 194) }
```

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

```
.background{ background-color: rgb(208,  
213, 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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