

# Converting Colors

`RYB(195, 213, 200)`

Have a look what the booklet for  
RYB(195, 213, 200) contains.

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# Color

**R<sub>Y</sub>B(195, 213, 200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D5C3
RGB	208, 213, 195
RGB Percent	82%, 84%, 76%
CMY	0.1843, 0.1647, 0.2353
CMYK	0.02, 0.00, 0.08, 0.16
HSL	77°, 18%, 80%
HSV	77°, 8%, 84%
XYZ	59.6570, 64.9385, 61.0199
YIQ	209.4530, 2.7980, -6.6580

# Conversions

## Conversions Part 2

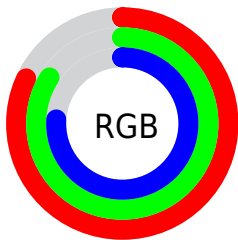
Format	Color
<b>RYB</b>	195, 213, 200
Decimal	13686211
CIELab	84.45, -4.88, 8.30
CIELCh	84, 9.631, 120.471
Yxy	64.9385, 0.3214, 0.3499
Android (android.graphics.Color)	4291876291 (0xFFD0D5C3)
YUV	209.4530, -7.1253, -1.2743
Hunter-Lab	80.5844, -8.8785, 11.5137

# Details

The RYB color **195, 213, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 195, 213**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **252, 255, 252**, and **141, 158, 145** is the 20% darker color. If you saturate the color by 10%, you get **174, 213, 185**, and if you desaturate by 10%, it is **214, 213, 216**.

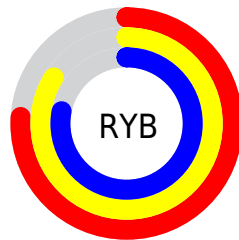
# Distribution



Red (82%)

Green (84%)

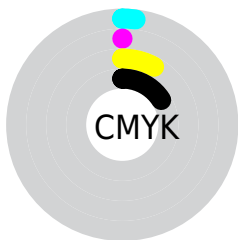
Blue (76%)



Red (76%)

Yellow (84%)

Blue (78%)

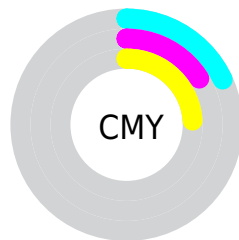


Cyan (2%)

Magenta (0%)

Yellow (8%)

Black (16%)



Cyan (18%)

Magenta (16%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 195, 213, 200 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, 213, 200 by changing the saturation by 10% instead.



■ 195, 213, 200

255, 255, 255

252, 255, 252

■ 195, 213, 200

■ 168, 185, 173

■ 141, 158, 145

■ 116, 132, 120

■ 91, 107, 95

■ 68, 83, 72

■ 46, 60, 50

■ 25, 38, 29

■ 0, 18, 6

■ 0, 0, 0

 195, 213, 200

 195, 213, 200

 174, 213, 185

 214, 213, 216

 152, 213, 169

 220, 213, 238

 131, 213, 154

 226, 213, 255

 110, 213, 139

 232, 213, 255

 88, 213, 123

 238, 213, 255

 67, 213, 108

 244, 213, 255

 46, 213, 92

 249, 213, 255

 25, 213, 77

 255, 213, 255

 3, 213, 61

# Harmonies

## Analogous

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



205, 218, 193



195, 213, 200



198, 212, 215

# Triad

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



195, 213, 200



193, 206, 226



229, 205, 211

# Complementary

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



195, 213, 200



200, 195, 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



195, 213, 200



202, 209, 229

# Square

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



195, 213, 200



188, 203, 220



213, 208, 226



231, 205, 202

# Rectangle

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



195, 213, 200



193, 207, 216



213, 208, 226



228, 205, 214



# Sweetspot

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



195, 213, 200



247, 255, 249



213, 202, 195



122, 128, 124



0, 0, 0



128, 128, 128

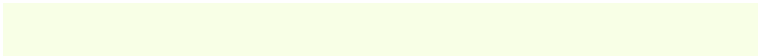


# Same Dimension

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



195, 213, 200



230, 255, 237



195, 213, 209



96, 107, 99



0, 171, 48



0, 43, 12



# Inverse Universe

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



200, 195, 213



237, 230, 255



209, 195, 213



99, 96, 107



47, 0, 171

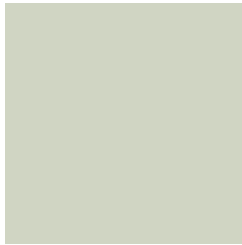


12, 0, 43



# Previews

## White Background



This preview shows how the RYB color 195, 213, 200 looks on a white background.

## Color Contrast Check

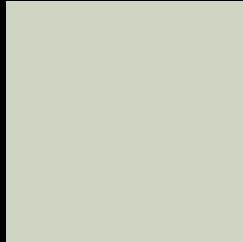
Large Text (above 18pt) WCAG AA × Fail

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, 213, 200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

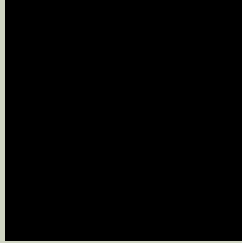
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

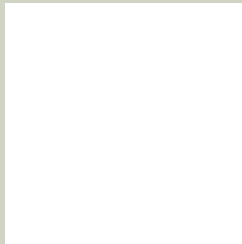
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 195, 213, 200 Background**



This preview shows how black text looks on a background with the RYB color 195, 213, 200.



This preview shows how white text looks on a background with the RYB color 195, 213, 200.

# 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**  
195, 213, 200

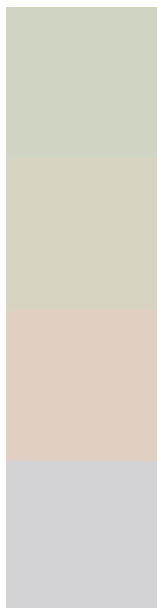
**Protanopia**  
205, 218, 193

**Deuteranopia**  
236, 204, 197



**Tritanopia**  
212, 209, 225

# Trichromacy



## Original Color

195, 213, 200

## Protanomaly

198, 214, 194

## Deuteranomaly

226, 213, 196

## Tritanomaly

211, 210, 214

# Monochromacy



## Original Color

195, 213, 200

## Achromatopsia

209, 209, 209

## Achromatomaly

204, 210, 205

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 195, 213, 200 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, 195) looks like.

```
.text, #text, p{  
    color:rgb(208, 213, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 213, 195) }
```

## Border

The CSS property to change the border of an element to RYB 195, 213, 200 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, 195) }
```

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

```
.border{ border-color:rgb(208, 213, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(208, 213,  
195) }
```

# Background

The CSS property to change the background color of an element to RYB 195, 213, 200 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, 195) }
```

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

```
.background{ background-color: rgb(208,  
213, 195) }
```

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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