

Converting Colors

`RYB(195, 209, 197)`

Have a look what the booklet for
RYB(195, 209, 197) contains.

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Color

R_YB(195, 209, 197)

Conversions

Conversions Part 1

Format	Color
Hex	CFD1C3
RGB	207, 209, 195
RGB Percent	81%, 82%, 76%
CMY	0.1882, 0.1804, 0.2353
CMYK	0.01, 0.00, 0.07, 0.18
HSL	69°, 13%, 79%
HSV	69°, 7%, 82%
XYZ	58.3829, 62.8065, 60.6755
YIQ	206.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

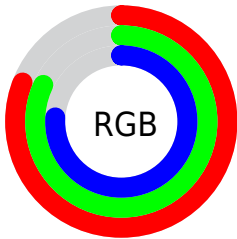
Format	Color
R_{YB}	195, 209, 197
Decimal	13619651
CIE _{Lab}	83.34, -3.16, 6.70
CIE _{LCh}	83, 7.404, 115.281
Yxy	62.8065, 0.3210, 0.3453
Android (android.graphics.Color)	4291809731 (0xFFCFD1C3)
YUV	206.8060, -5.8204, 0.1701
Hunter-Lab	79.2505, -7.1896, 10.0820

Details

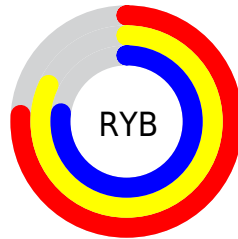
The RYB color **195, 209, 197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **197, 195, 209**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 252, 255, 252, and **141, 155, 143** is the 20% darker color. If you saturate the color by 10%, you get **174, 209, 179**, and if you desaturate by 10%, it is **210, 209, 216**.

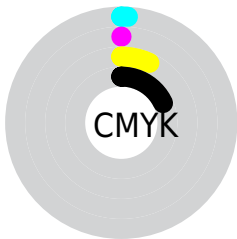
Distribution



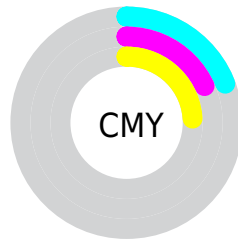
- Red (81%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 209, 197 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, 209, 197 by changing the saturation by 10% instead.

■ 195, 209, 197

255, 255, 255

252, 255, 252

■ 195, 209, 197

■ 168, 181, 170

■ 141, 155, 143

■ 116, 129, 118

■ 91, 104, 93

■ 68, 80, 70

■ 46, 57, 48

■ 25, 35, 27

■ 0, 14, 3

■ 0, 0, 0

 195, 209, 197

 195, 209, 197

 174, 209, 179


 210, 209, 216

 153, 209, 161

 213, 209, 237

 132, 209, 143

 216, 209, 255

 111, 209, 125

 219, 209, 255

 90, 209, 107

 222, 209, 255

 70, 209, 90

 225, 209, 255

 49, 209, 72

 228, 209, 255

 28, 209, 54

 231, 209, 255

 7, 209, 36

 234, 209, 255

Harmonies

Analogous

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



207, 215, 194



195, 209, 197



199, 210, 211

Triad

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



195, 209, 197



193, 204, 219



221, 203, 209

Complementary

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



195, 209, 197



197, 195, 209

Split Complementary

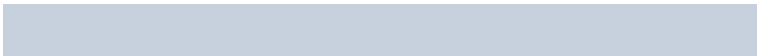
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216, 204, 216



195, 209, 197



199, 206, 221

Square

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



195, 209, 197



191, 202, 213



208, 206, 220



223, 203, 202

Rectangle

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



195, 209, 197



195, 206, 212



208, 206, 220



220, 203, 211

Sweetspot

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



195, 209, 197



250, 255, 251



209, 197, 195



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



195, 209, 197



235, 255, 238



195, 209, 204



94, 105, 96



0, 168, 24



0, 41, 6

Inverse Universe

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



197, 195, 209



238, 235, 255



204, 195, 209



96, 94, 105



24, 0, 168



6, 0, 41

Previews

White Background



This preview shows how the RYB color 195, 209, 197 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, 209, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

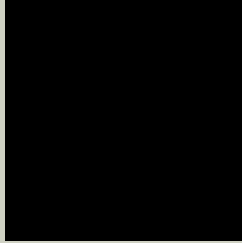
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

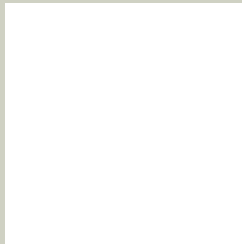
Any Text WCAG AAA ✓ Pass

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

RYB 195, 209, 197 Background



This preview shows how black text looks on a background with the RYB color 195, 209, 197.

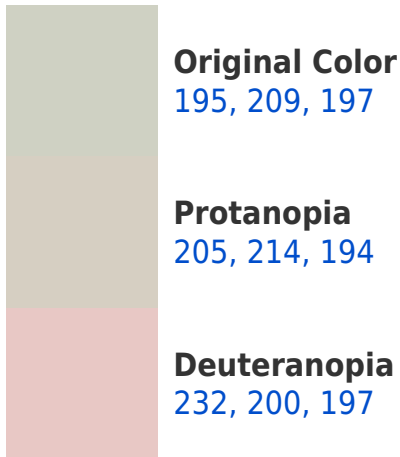


This preview shows how white text looks on a background with the RYB color 195, 209, 197.

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
211, 205, 221

Trichromacy



Original Color

195, 209, 197

Protanomaly

198, 211, 194

Deuteranomaly

223, 205, 196

Tritanomaly

210, 206, 212

Monochromacy



Original Color

195, 209, 197

Achromatopsia

207, 207, 207

Achromatomaly

203, 208, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 209, 197 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(207, 209, 195) looks like.

```
.text, #text, p{  
    color:rgb(207, 209, 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(207, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 209, 195) }
```

Border

The CSS property to change the border of an element to RYB 195, 209, 197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

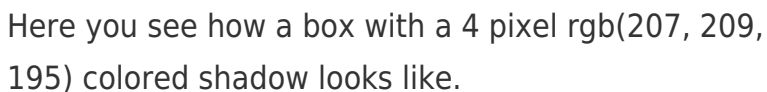
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 209, 195) }
```

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

```
.border{ border-color:rgb(207, 209, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 209, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 209, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 209, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 209,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 195, 209, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 209, 195) }
```

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

```
.background{ background-color: rgb(207,  
209, 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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