

# Converting Colors

`RYB(184, 209, 195)`

Have a look what the booklet for  
RYB(184, 209, 195) contains.

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# Color

**R<sub>Y</sub>B(184, 209, 195)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6D1B8
RGB	198, 209, 184
RGB Percent	78%, 82%, 72%
CMY	0.2235, 0.1804, 0.2784
CMYK	0.05, 0.00, 0.12, 0.18
HSL	86°, 21%, 77%
HSV	86°, 12%, 82%
XYZ	54.7409, 61.0674, 54.2494
YIQ	202.8610, 1.4690, -10.1070

# Conversions

## Conversions Part 2

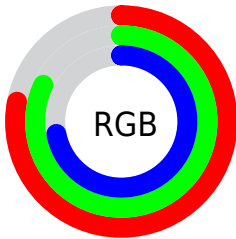
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 209, 195
Decimal	13029816
CIELab	82.41, -8.20, 11.13
CIELCh	82, 13.823, 126.391
Yxy	61.0674, 0.3219, 0.3591
Android (android.graphics.Color)	4291219896 (0xFFC6D1B8)
YUV	202.8610, -9.2985, -4.2631
Hunter-Lab	78.1456, -11.7159, 13.5423

# Details

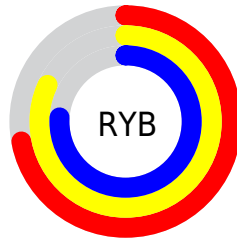
The RYB color **184, 209, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 184, 209**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **240, 255, 240**, and **131, 155, 142** is the 20% darker color. If you saturate the color by 10%, you get **163, 209, 183**, and if you desaturate by 10%, it is **205, 209, 207**.

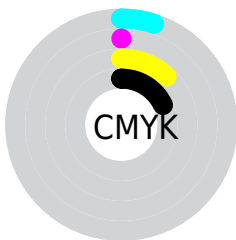
# Distribution



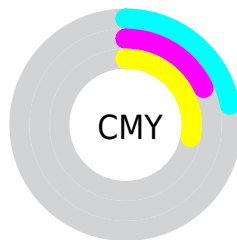
- Red (78%)
- Green (82%)
- Blue (72%)



- Red (72%)
- Yellow (82%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 184, 209, 195 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 184, 209, 195 by changing the saturation by 10% instead.




 184, 209, 195

255, 255, 255


 240, 255, 240

 184, 209, 195

 157, 181, 167

 131, 155, 142


 106, 129, 117

 82, 104, 92

 59, 79, 68

 37, 57, 47

 16, 35, 25

 0, 14, 14

 0, 0, 0

 184, 209, 195


 184, 209, 195

 163, 209, 183

 205, 209, 207

 142, 209, 171

 216, 209, 226

 121, 209, 160

 226, 209, 247

 100, 209, 148

 235, 209, 255

 80, 209, 137

 244, 209, 255

 59, 209, 125

 253, 209, 255

 38, 209, 113

 255, 209, 255

 17, 209, 102

 0, 209, 92

# Harmonies

## Analogous

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



189, 213, 179



184, 209, 195



184, 205, 212

# Triad

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



184, 209, 195



180, 198, 228



232, 196, 203

# Complementary

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



184, 209, 195



195, 184, 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.



225, 198, 216



184, 209, 195



195, 203, 231

# Square

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



184, 209, 195



173, 194, 220



211, 201, 226



232, 198, 190

# Rectangle

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



184, 209, 195



177, 198, 213



211, 201, 226



230, 196, 207



# Sweetspot

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



184, 209, 195



245, 255, 249



209, 204, 184



121, 128, 124



0, 0, 0



128, 128, 128



# Same Dimension

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



184, 209, 195



219, 255, 235



184, 209, 207



94, 105, 99



0, 168, 74



0, 41, 18



# Inverse Universe

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



195, 184, 209



235, 219, 255



207, 184, 209



99, 94, 105



74, 0, 168



18, 0, 41



# Previews

## White Background



This preview shows how the RYB color 184, 209, 195 looks on a white background.

## Color Contrast Check

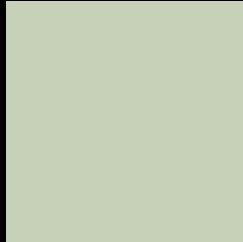
Large Text (above 18pt) WCAG AA × Fail

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 184, 209, 195 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

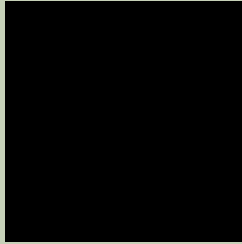
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

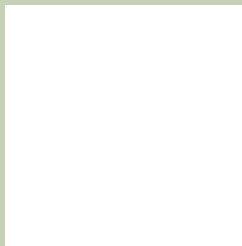
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 184, 209, 195 Background**



This preview shows how black text looks on a background with the RYB color 184, 209, 195.

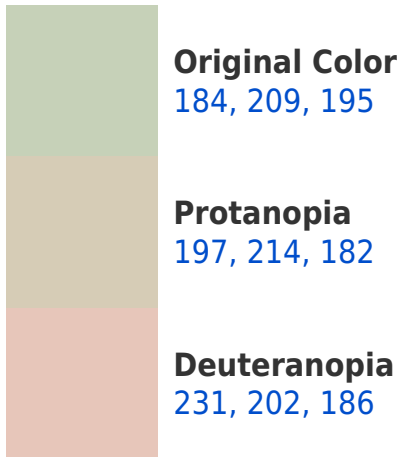


This preview shows how white text looks on a background with the RYB color 184, 209, 195.

# 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](#).

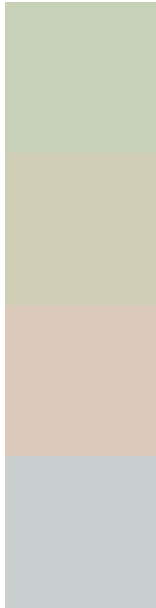
## Dichromacy





**Tritanopia**  
203, 204, 220

# Trichromacy



**Original Color**

184, 209, 195

**Protanomaly**

185, 208, 183

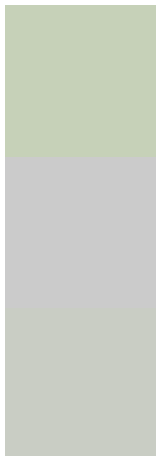
**Deuteranomaly**

219, 219, 185

**Tritanomaly**

201, 204, 207

# Monochromacy



**Original Color**

184, 209, 195

**Achromatopsia**

203, 203, 203

**Achromatomaly**

196, 205, 200

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 184, 209, 195 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(198, 209, 184) looks like.

```
.text, #text, p{  
    color:rgb(198, 209, 184)  
}
```

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(198, 209, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 209, 184) }
```

## Border

The CSS property to change the border of an element to RYB 184, 209, 195 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(198, 209, 184) }
```

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

```
.border{ border-color:rgb(198, 209, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 209, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 209, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 209, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 209,  
184) }
```

# Background

The CSS property to change the background color of an element to RYB 184, 209, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 209, 184) }
```

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

```
.background{ background-color: rgb(198,  
209, 184) }
```

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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