

Converting Colors

`RYB(197, 211, 211)`

Have a look what the booklet for
RYB(197, 211, 211) contains.

RYB(197, 211, 211)	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

$\text{RYB}(197, 211, 211)$

Conversions

Conversions Part 1

Format	Color
Hex	C5D3C5
RGB	197, 211, 197
RGB Percent	77%, 83%, 77%
CMY	0.2275, 0.1725, 0.2275
CMYK	0.07, 0.00, 0.07, 0.17
HSL	120°, 14%, 80%
HSV	120°, 7%, 83%
XYZ	56.3983, 62.4901, 61.9126
YIQ	205.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

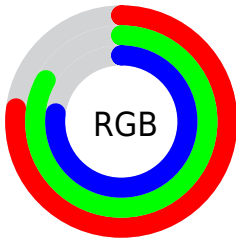
Format	Color
RYB	197, 211, 211
Decimal	12964805
CIELab	83.17, -7.31, 5.30
CIELCh	83, 9.030, 144.090
Yxy	62.4901, 0.3119, 0.3456
Android (android.graphics.Color)	4291154885 (0xFFC5D3C5)
YUV	205.2180, -4.0515, -7.2072
Hunter-Lab	79.0507, -10.9888, 8.8994

Details

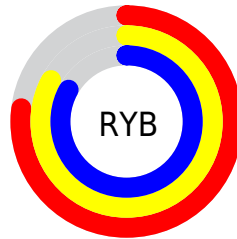
The RYB color **197, 211, 211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211, 197, 211**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 254, 255, 255, and **143, 156, 156** is the 20% darker color. If you saturate the color by 10%, you get **176, 211, 211**, and if you desaturate by 10%, it is **218, 211, 218**.

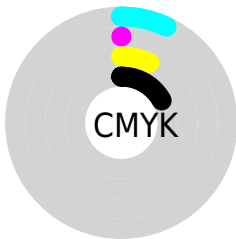
Distribution



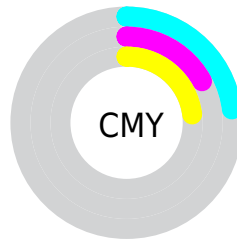
- Red (77%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 211, 211 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 197, 211, 211 by changing the saturation by 10% instead.

 197, 211, 211

255, 255, 255

254, 255, 255

 197, 211, 211

 170, 183, 183

 143, 156, 156


 118, 130, 130

 93, 105, 105

 69, 81, 81

 47, 58, 58

 26, 37, 37

 0, 16, 16

 0, 0, 0

 197, 211, 211

 197, 211, 211

 176, 211, 211

 218, 211, 218

 155, 211, 211

 239, 211, 239

 134, 211, 211

 255, 211, 255

 113, 211, 211

 92, 211, 211

 70, 211, 211

 49, 211, 211

 28, 211, 211

 7, 211, 211

Harmonies

Analogous

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



192, 209, 194



197, 211, 211



189, 203, 212

Triad

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



197, 211, 211



197, 205, 224



226, 202, 201

Complementary

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



197, 211, 211



211, 197, 211

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.



224, 202, 209



197, 211, 211



207, 206, 223

Square

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



197, 211, 211



189, 202, 221



217, 203, 217



223, 207, 194

Rectangle

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



197, 211, 211



187, 200, 212



217, 203, 217



226, 202, 203

Sweetspot

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



197, 211, 211



250, 255, 255



197, 211, 197



125, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 211, 211



235, 255, 255



197, 206, 211



94, 105, 105



0, 168, 168



0, 41, 41

Inverse Universe

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



211, 197, 211



255, 235, 255



211, 197, 204



105, 94, 105



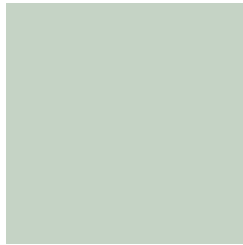
168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RYB color 197, 211, 211 looks on a white background.

Color Contrast Check

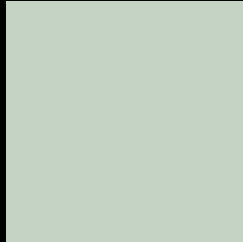
Large Text (above 18pt) WCAG AA × Fail

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 197, 211, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

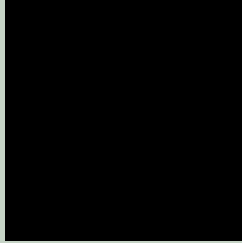
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

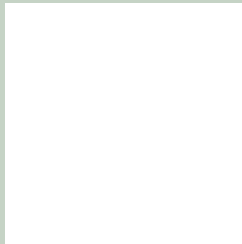
Any Text WCAG AAA ✓ Pass

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

RYB 197, 211, 211 Background



This preview shows how black text looks on a background with the RYB color 197, 211, 211.

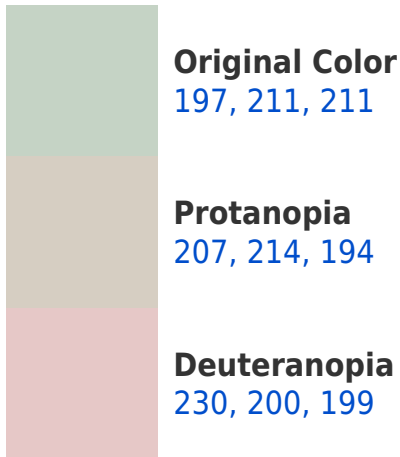


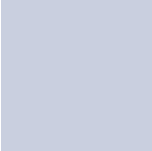
This preview shows how white text looks on a background with the RYB color 197, 211, 211.

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
201, 206, 223

Trichromacy



Original Color

197, 211, 211

Protanomaly

195, 208, 195

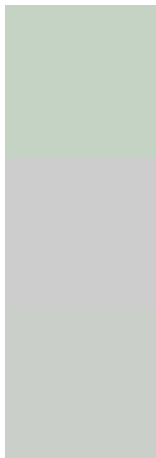
Deuteranomaly

218, 207, 198

Tritanomaly

200, 205, 214

Monochromacy



Original Color

197, 211, 211

Achromatopsia

205, 205, 205

Achromatomaly

202, 207, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 211, 211 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(197, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 211, 197)  
}
```

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(197, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 211, 197) }
```

Border

The CSS property to change the border of an element to RYB 197, 211, 211 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(197, 211, 197) }
```

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

```
.border{ border-color:rgb(197, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 211,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 197, 211, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 211, 197) }
```

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

```
.background{ background-color: rgb(197,  
211, 197) }
```

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