

Converting Colors

`RYB(193, 211, 205)`

Have a look what the booklet for
RYB(193, 211, 205) contains.

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Color

R_{YB}(193, 211, 205)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C7D3C1 |
| RGB | 199, 211, 193 |
| RGB Percent | 78%, 83%, 76% |
| CMY | 0.2196, 0.1725, 0.2431 |
| CMYK | 0.06, 0.00, 0.09, 0.17 |
| HSL | 100°, 17%, 79% |
| HSV | 100°, 9%, 83% |
| XYZ | 56.4731, 62.5809, 59.5549 |
| YIQ | 205.3600, -1.3740, -8.1420 |

Conversions

Conversions Part 2

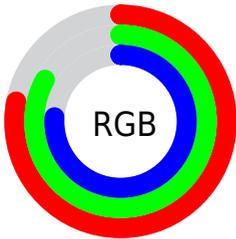
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 193, 211, 205 |
| Decimal | 13095873 |
| CIELab | 83.22, -7.33, 7.51 |
| CIELCh | 83, 10.497, 134.327 |
| Yxy | 62.5809, 0.3162, 0.3504 |
| Android (android.graphics.Color) | 4291285953 (0xFFC7D3C1) |
| YUV | 205.3600, -6.0935, -5.5777 |
| Hunter-Lab | 79.1081, -11.0129, 10.7404 |

Details

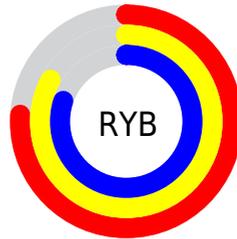
The RYB color **193, 211, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 193, 211**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **249, 255, 249**, and **140, 157, 152** is the 20% darker color. If you saturate the color by 10%, you get **172, 211, 198**, and if you desaturate by 10%, it is **213, 211, 214**.

Distribution



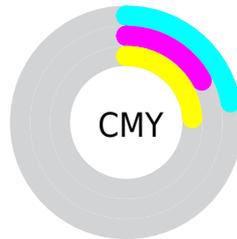
- Red (78%)
- Green (83%)
- Blue (76%)



- Red (76%)
- Yellow (83%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 211, 205 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 193, 211, 205 by changing the saturation by 10% instead.

 193, 211, 205

255, 255, 255

 249, 255, 249

 193, 211, 205

 166, 183, 177

 140, 157, 152

 114, 130, 125

 90, 105, 100

 66, 81, 76

 44, 58, 54

 23, 37, 33

 0, 16, 16

 0, 0, 0

 193, 211, 205

 193, 211, 205

 172, 211, 198

 213, 211, 214

 151, 211, 191

 227, 211, 235

 130, 211, 184

 241, 211, 255

 109, 211, 177

 255, 211, 255

 88, 211, 170

 66, 211, 162

 45, 211, 155

 24, 211, 149

 3, 211, 142

Harmonies

Analogous

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



191, 211, 188



193, 211, 205



189, 205, 213

Triad

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



193, 211, 205



191, 203, 226



229, 201, 203

Complementary

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



193, 211, 205



205, 193, 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, 201, 213



193, 211, 205



203, 206, 226

Square

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



193, 211, 205



184, 200, 221



215, 203, 221



227, 205, 194

Rectangle

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



193, 211, 205



185, 200, 213



215, 203, 221



228, 201, 206

Sweetspot

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



193, 211, 205



247, 255, 252



202, 211, 193



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



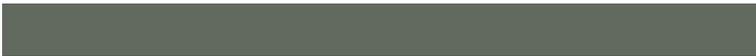
193, 211, 205



230, 255, 247



193, 208, 211



94, 105, 101



0, 168, 112



0, 41, 27

Inverse Universe

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



205, 193, 211



247, 230, 255



211, 193, 208



101, 94, 105



112, 0, 168



27, 0, 41

Previews

White Background



This preview shows how the RYB color 193, 211, 205 looks on a white background.

Color Contrast Check

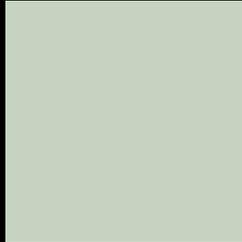
Large Text (above 18pt) WCAG AA × Fail

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 193, 211, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

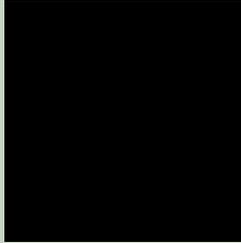
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

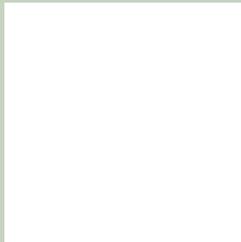
Any Text WCAG AAA ✓ Pass

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

RYB 193, 211, 205 Background



This preview shows how black text looks on a background with the RYB color 193, 211, 205.

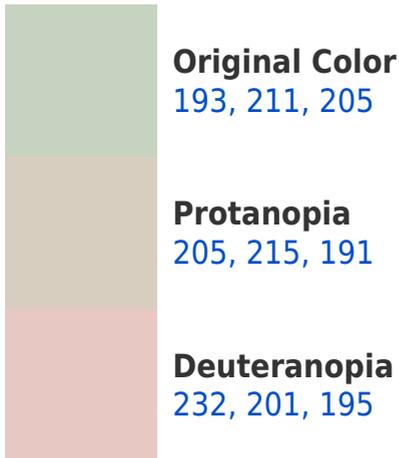


This preview shows how white text looks on a background with the RYB color 193, 211, 205.

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
204, 207, 223

Trichromacy



Original Color
193, 211, 205

Protanomaly
193, 209, 192

Deuteranomaly
220, 210, 194

Tritanomaly
202, 206, 212

Monochromacy



Original Color
193, 211, 205

Achromatopsia
205, 205, 205

Achromatomaly
201, 207, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 211, 205 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(199, 211, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 211, 193)  
}
```

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(199, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 211, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 211, 205 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(199, 211, 193) }
```

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

```
.border{ border-color:rgb(199, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 211, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 211, 193); box-shadow:4px 4px 4px 4px rgb(199, 211, 193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 211, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 211, 193) }
```

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

```
.background{ background-color: rgb(199,  
211, 193) }
```

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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