

Converting Colors

`RYB(178, 195, 211)`

Have a look what the booklet for
RYB(178, 195, 211) contains.

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Color

$\text{RYB}(178, 195, 211)$

Conversions

Conversions Part 1

Format	Color
Hex	B2D3D1
RGB	178, 211, 209
RGB Percent	70%, 83%, 82%
CMY	0.3020, 0.1725, 0.1802
CMYK	0.16, 0.00, 0.01, 0.17
HSL	176°, 27%, 76%
HSV	176°, 16%, 83%
XYZ	53.1703, 60.6599, 69.2659
YIQ	200.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

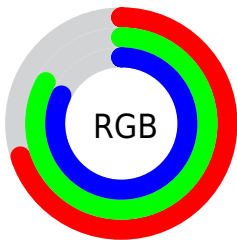
Format	Color
RYB	178, 195, 211
Decimal	11719633
CIELab	82.20, -11.27, -2.71
CIELCh	82, 11.593, 193.497
Yxy	60.6599, 0.2904, 0.3313
Android (android.graphics.Color)	4289909713 (0xFFB2D3D1)
YUV	200.9050, 3.9908, -20.0877
Hunter-Lab	77.8844, -14.4391, 1.7900

Details

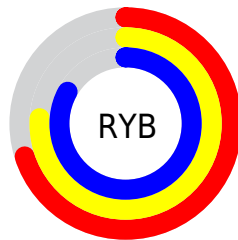
The RYB color **178, 195, 211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **211, 178, 180**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **234, 245, 255**, and **125, 141, 156** is the 20% darker color. If you saturate the color by 10%, you get **157, 185, 211**, and if you desaturate by 10%, it is **199, 205, 211**.

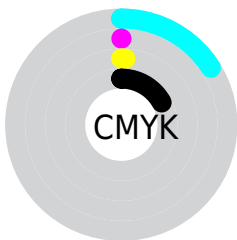
Distribution



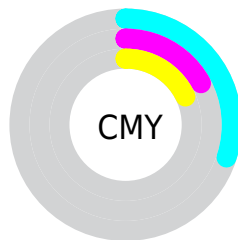
- Red (70%)
- Green (83%)
- Blue (82%)



- Red (70%)
- Yellow (76%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (30%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 178, 195, 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 178, 195, 211 by changing the saturation by 10% instead.

 178, 195, 211


255, 255, 255

 234, 245, 255

 178, 195, 211

 151, 168, 183

 125, 141, 156

 100, 115, 130

 75, 90, 105

 52, 67, 81


 29, 44, 58

 6, 21, 36

 0, 8, 15

 0, 0, 0

 178, 195, 211

 178, 195, 211


 157, 185, 211


 199, 205, 211

 136, 175, 211


 220, 211, 212

 115, 165, 211


 241, 211, 213

 94, 154, 211


 255, 211, 214

 73, 144, 211


 255, 211, 215

 51, 133, 211


 255, 211, 217

 30, 123, 211

 255, 211, 218

 9, 113, 211

 255, 211, 219

 0, 109, 211

 255, 211, 220

Harmonies

Analogous

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



184, 202, 211



178, 195, 211



179, 196, 219

Triad

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



178, 195, 211



213, 200, 220



217, 219, 184

Complementary

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



178, 195, 211



211, 178, 180

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.



227, 202, 190



178, 195, 211



223, 198, 211

Square

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



178, 195, 211



199, 203, 225



228, 197, 200



186, 208, 183

Rectangle

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



178, 195, 211



183, 199, 224



228, 197, 200



222, 213, 185

Sweetspot

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



178, 195, 211



242, 249, 255



178, 211, 209



120, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



178, 195, 211



207, 232, 255



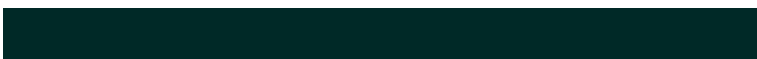
178, 190, 211



94, 100, 105



0, 87, 168



0, 21, 41

Inverse Universe

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



211, 178, 180



255, 207, 209



211, 202, 178



105, 94, 95



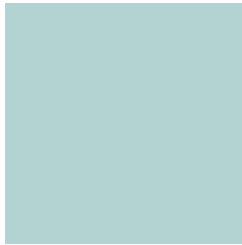
168, 0, 10



41, 0, 2

Previews

White Background



This preview shows how the RYB color 178, 195, 211 looks on a white background.

Color Contrast Check

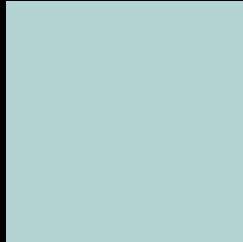
Large Text (above 18pt) WCAG AA × Fail

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 178, 195, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

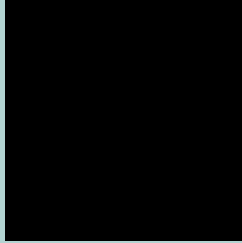
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

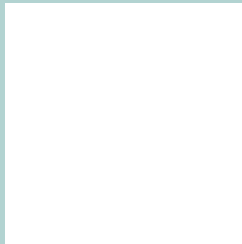
Any Text WCAG AAA ✓ Pass

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

RYB 178, 195, 211 Background



This preview shows how black text looks on a background with the RYB color 178, 195, 211.

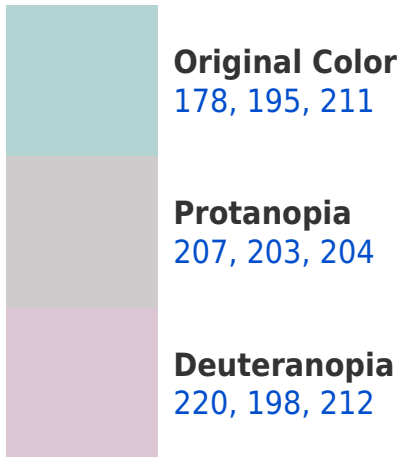


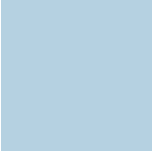
This preview shows how white text looks on a background with the RYB color 178, 195, 211.

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
181, 198, 225

Trichromacy



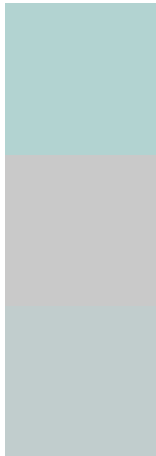
Original Color
178, 195, 211

Protanomaly
196, 201, 206

Deuteranomaly
205, 203, 211

Tritanomaly
180, 197, 219

Monochromacy



Original Color
178, 195, 211

Achromatopsia
201, 201, 201

Achromatomaly
193, 199, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 195, 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(178, 211, 209)` looks like.

```
.text, #text, p{  
    color:rgb(178, 211, 209)  
}
```

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(178, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 211, 209) }
```

Border

The CSS property to change the border of an element to RYB 178, 195, 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(178, 211, 209) }
```

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

```
.border{ border-color:rgb(178, 211, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 211, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(178, 211,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 178, 195, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 211, 209) }
```

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

```
.background{ background-color: rgb(178,  
211, 209) }
```

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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