

Converting Colors

`RYB(158, 181, 197)`

Have a look what the booklet for RYB(158, 181, 197) contains.

RYB(158, 181, 197)	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

R_YB(158, 181, 197)

Conversions

Conversions Part 1

Format	Color
Hex	9EC5B9
RGB	158, 197, 185
RGB Percent	62%, 77%, 73%
CMY	0.3804, 0.2275, 0.2740
CMYK	0.20, 0.00, 0.06, 0.23
HSL	162°, 25%, 70%
HSV	162°, 20%, 77%
XYZ	42.8375, 50.7099, 53.5014
YIQ	183.9710, -19.3920, -12.0000

Conversions

Conversions Part 2

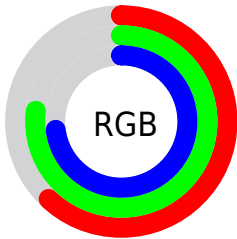
Format	Color
RYB	158, 181, 197
Decimal	10405305
CIELab	76.50, -15.37, 1.67
CIELCh	77, 15.457, 173.810
Yxy	50.7099, 0.2913, 0.3449
Android (android.graphics.Color)	4288595385 (0xFF9EC5B9)
YUV	183.9710, 0.5073, -22.7766
Hunter-Lab	71.2109, -17.2408, 5.3025

Details

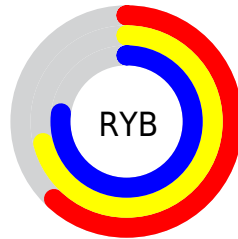
The RYB color **158, 181, 197** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **197, 158, 170**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **213, 237, 254**, and **106, 128, 143** is the 20% darker color. If you saturate the color by 10%, you get **138, 173, 197**, and if you desaturate by 10%, it is **178, 189, 197**.

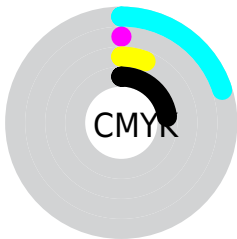
Distribution



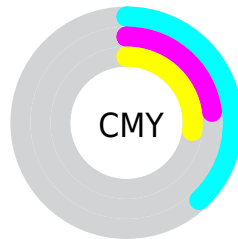
- Red (62%)
- Green (77%)
- Blue (73%)



- Red (62%)
- Yellow (71%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (38%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 181, 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 158, 181, 197 by changing the saturation by 10% instead.


 158, 181, 197

255, 255, 255


 213, 237, 254

 242, 249, 255

 158, 181, 197

 132, 155, 170


 106, 128, 143

 81, 102, 117

 57, 78, 93

 34, 54, 69

 10, 31, 47

 0, 17, 27


 0, 0, 0

 158, 181, 197


 158, 181, 197

 138, 173, 197


 178, 189, 197

 119, 165, 197

 197, 197, 197

 99, 157, 197


 217, 197, 203

 79, 149, 197


 237, 197, 209

 60, 141, 197


 255, 197, 215

 40, 133, 197

 255, 197, 221

 20, 124, 197

 255, 197, 227

 0, 116, 197

 255, 197, 233

 255, 197, 239

Harmonies

Analogous

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



171, 194, 195



158, 181, 197



152, 175, 200

Triad

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



158, 181, 197



188, 186, 215



215, 190, 166

Complementary

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



158, 181, 197



197, 158, 170

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.



219, 179, 178



158, 181, 197



205, 182, 206

Square

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



158, 181, 197



170, 185, 217



216, 179, 192



187, 203, 161

Rectangle

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



158, 181, 197



153, 177, 208



216, 179, 192



217, 184, 170

Sweetspot

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



158, 181, 197



240, 249, 255



158, 197, 185



119, 124, 128



0, 0, 0



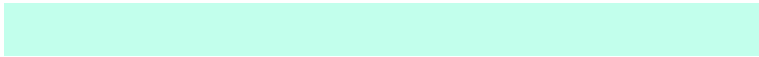
128, 128, 128

Same Dimension

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



158, 181, 197



194, 230, 255



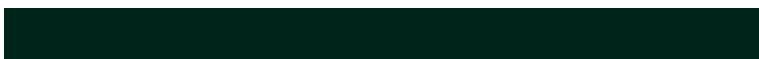
158, 176, 197



90, 95, 99



0, 96, 163



0, 21, 36

Inverse Universe

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



197, 158, 170



255, 194, 212



197, 167, 158



99, 90, 93



163, 0, 50



36, 0, 11

Previews

White Background



This preview shows how the RYB color 158, 181, 197 looks on a white background.

Color Contrast Check

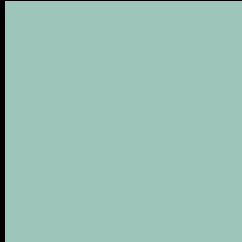
Large Text (above 18pt) WCAG AA × Fail

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 158, 181, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

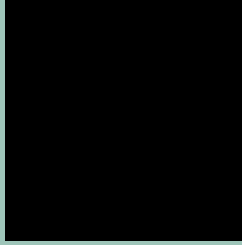
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

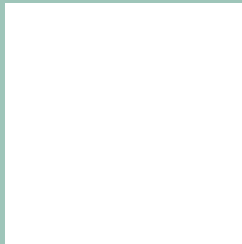
Any Text WCAG AAA ✓ Pass

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

RYB 158, 181, 197 Background



This preview shows how black text looks on a background with the RYB color 158, 181, 197.

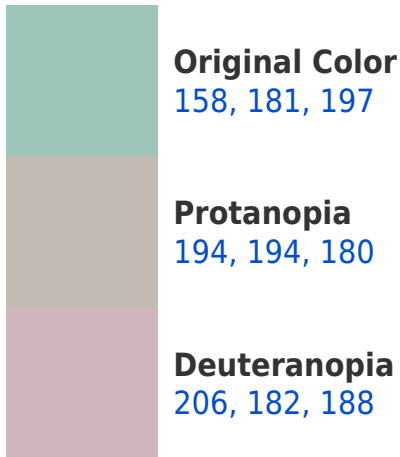


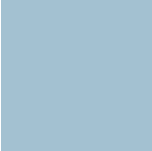
This preview shows how white text looks on a background with the RYB color 158, 181, 197.

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](#).

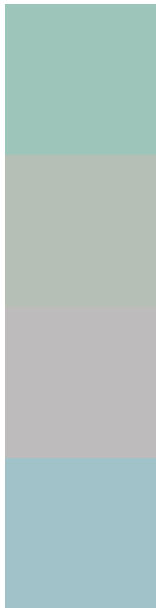
Dichromacy





Tritanopia
163, 181, 209

Trichromacy



Original Color
158, 181, 197

Protanomaly
181, 190, 191

Deuteranomaly
189, 187, 187

Tritanomaly
161, 179, 200

Monochromacy



Original Color
158, 181, 197

Achromatopsia
184, 184, 184

Achromatomaly
175, 184, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 181, 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(158, 197, 185) looks like.

```
.text, #text, p{  
    color:rgb(158, 197, 185)  
}
```

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(158, 197, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 197, 185) }
```

Border

The CSS property to change the border of an element to RYB 158, 181, 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(158, 197, 185) }
```

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

```
.border{ border-color:rgb(158, 197, 185) }
```

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

Here you see how a box with a 4 pixel rgb(158, 197, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 197, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 197, 185);  
box-shadow:4px 4px 4px 4px rgb(158, 197,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 158, 181, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 197, 185) }
```

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

```
.background{ background-color: rgb(158,  
197, 185) }
```

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