

Converting Colors

`RYB(158, 189, 221)`

Have a look what the booklet for
RYB(158, 189, 221) contains.

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Color

R_YB(158, 189, 221)

Conversions

Conversions Part 1

Format	Color
Hex	9EDBDD
RGB	158, 219, 221
RGB Percent	62%, 86%, 87%
CMY	0.3804, 0.1411, 0.1333
CMYK	0.29, 0.01, 0.00, 0.13
HSL	182°, 48%, 74%
HSV	182°, 29%, 87%
XYZ	52.4914, 63.1689, 77.8328
YIQ	200.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

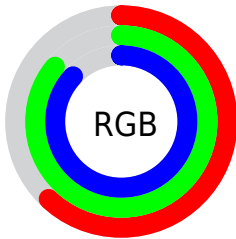
Format	Color
RYB	158, 189, 221
Decimal	10410973
CIELab	83.53, -18.79, -7.22
CIElCh	84, 20.130, 201.020
Yxy	63.1689, 0.2713, 0.3265
Android (android.graphics.Color)	4288601053 (0xFF9EDBDD)
YUV	200.9890, 9.8654, -37.7014
Hunter-Lab	79.4789, -21.1987, -2.4269

Details

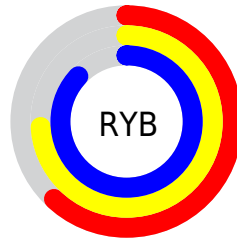
The RYB color **158, 189, 221** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **221, 160, 158**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **214, 235, 255**, and **104, 134, 166** is the 20% darker color. If you saturate the color by 10%, you get **136, 178, 221**, and if you desaturate by 10%, it is **180, 200, 221**.

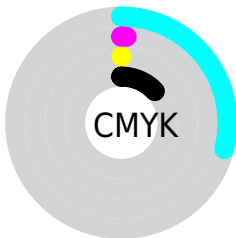
Distribution



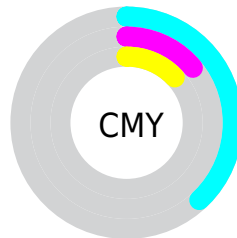
- Red (62%)
- Green (86%)
- Blue (87%)



- Red (62%)
- Yellow (74%)
- Blue (87%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 189, 221 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, 189, 221 by changing the saturation by 10% instead.


 158, 189, 221

255, 255, 255


 214, 235, 255


 243, 249, 255

 158, 189, 221

 131, 161, 193

 104, 134, 166


 78, 108, 140

 51, 82, 114

 22, 55, 90

 0, 32, 66

 0, 21, 44

 0, 11, 24

 0, 0, 0

■ 158, 189, 221

■ 158, 189, 221

■ 136, 178, 221

■ 180, 200, 221

■ 114, 167, 221

■ 202, 211, 221

■ 92, 155, 221

■ 224, 221, 221

■ 70, 144, 221

■ 246, 222, 221

■ 48, 133, 221

■ 255, 222, 221

■ 25, 121, 221

■ 255, 223, 221

■ 3, 110, 221

■ 255, 224, 221

■ 0, 109, 221

■ 255, 226, 221

Harmonies

Analogous

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



168, 199, 219



158, 189, 221



162, 194, 237

Triad

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



158, 189, 221



227, 199, 232



212, 229, 171

Complementary

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



158, 189, 221



221, 160, 158

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.



243, 208, 179



158, 189, 221



243, 195, 215

Square

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



158, 189, 221



204, 205, 243



248, 195, 195



173, 211, 175

Rectangle

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



158, 189, 221



173, 198, 243



248, 195, 195



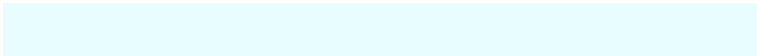
234, 232, 173

Sweetspot

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



158, 189, 221



232, 243, 255



158, 220, 221



113, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



158, 189, 221



168, 211, 255



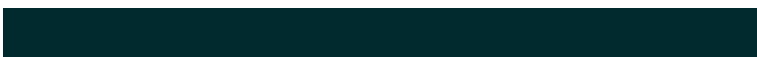
158, 178, 221



99, 104, 110



0, 85, 173



0, 22, 46

Inverse Universe

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



221, 158, 219



255, 168, 252



215, 221, 158



110, 99, 109



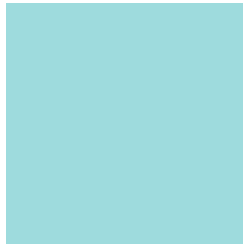
173, 0, 168



46, 0, 44

Previews

White Background



This preview shows how the RYB color 158, 189, 221 looks on a white background.

Color Contrast Check

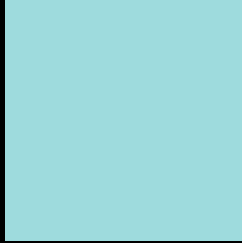
Large Text (above 18pt) WCAG AA × Fail

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, 189, 221 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, 189, 221 Background



This preview shows how black text looks on a background with the RYB color 158, 189, 221.

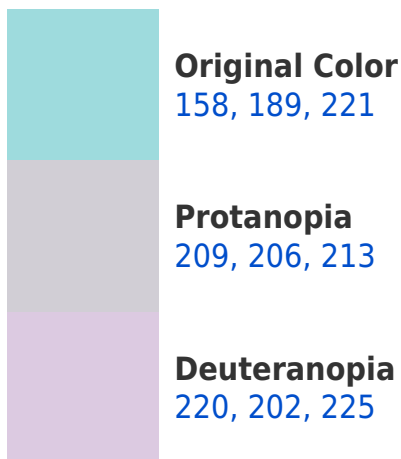



This preview shows how white text looks on a background with the RYB color 158, 189, 221.

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



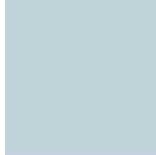


Tritanopia
161, 193, 234

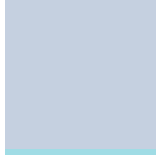
Trichromacy



Original Color
158, 189, 221



Protanomaly
190, 202, 216



Deuteranomaly
197, 205, 224

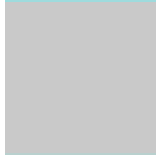


Tritanomaly
160, 192, 229

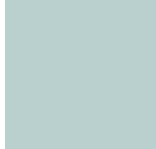
Monochromacy



Original Color
158, 189, 221



Achromatopsia
201, 201, 201



Achromatomaly
185, 197, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 189, 221 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, 219, 221)` looks like.

```
.text, #text, p{  
    color:rgb(158, 219, 221)  
}
```

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, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 219, 221) }
```

Border

The CSS property to change the border of an element to RYB 158, 189, 221 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, 219, 221) }
```

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

```
.border{ border-color:rgb(158, 219, 221) }
```

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

Here you see how a box with a 4 pixel rgb(158, 219, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(158, 219,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 158, 189, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 219, 221) }
```

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

```
.background{ background-color: rgb(158,  
219, 221) }
```

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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