

Converting Colors

`RYB(158, 199, 189)`

Have a look what the booklet for
RYB(158, 199, 189) contains.

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Color

R_YB(158, 199, 189)

Conversions

Conversions Part 1

Format	Color
Hex	A8C79E
RGB	168, 199, 158
RGB Percent	66%, 78%, 62%
CMY	0.3412, 0.2196, 0.3804
CMYK	0.16, 0.00, 0.21, 0.22
HSL	105°, 27%, 70%
HSV	105°, 21%, 78%
XYZ	42.7434, 51.6403, 40.0625
YIQ	185.0570, -5.3150, -19.3230

Conversions

Conversions Part 2

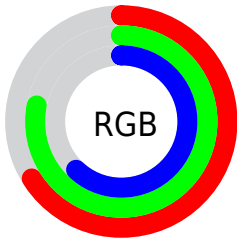
Format	Color
RYB	158, 199, 189
Decimal	11061150
CIELab	77.07, -18.07, 17.14
CIElCh	77, 24.909, 136.510
Yxy	51.6403, 0.3179, 0.3841
Android (android.graphics.Color)	4289251230 (0xFFA8C79E)
YUV	185.0570, -13.3391, -14.9590
Hunter-Lab	71.8612, -19.5843, 17.2487

Details

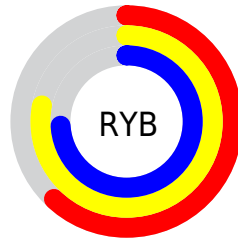
The RYB color **158, 199, 189** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **189, 158, 199**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **213, 255, 245**, and **106, 145, 135** is the 20% darker color. If you saturate the color by 10%, you get **138, 199, 184**, and if you desaturate by 10%, it is **178, 199, 194**.

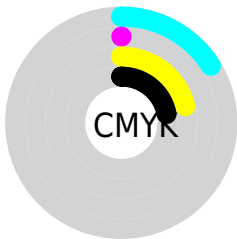
Distribution



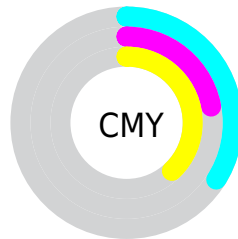
- Red (66%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (74%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 199, 189 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, 199, 189 by changing the saturation by 10% instead.


 158, 199, 189

255, 255, 255


 213, 255, 245

 241, 255, 244

 158, 199, 189

 132, 172, 163

 106, 145, 135

 82, 119, 110

 59, 94, 86

 37, 71, 65

 16, 48, 43

 0, 28, 28

 0, 0, 0

 158, 199, 189


 158, 199, 189


 138, 199, 184


 178, 199, 194


 118, 199, 179


 198, 199, 199

 98, 199, 174


 213, 199, 218

 78, 199, 169


 228, 199, 238

 59, 199, 165

 243, 199, 255

 39, 199, 160

 255, 199, 255

 19, 199, 155

 0, 199, 150

Harmonies

Analogous

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



147, 194, 146



158, 199, 189



143, 181, 203

Triad

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



158, 199, 189



149, 179, 235



238, 174, 178

Complementary

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



158, 199, 189



189, 158, 199

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.



230, 175, 202



158, 199, 189



180, 187, 234

Square

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



158, 199, 189



128, 169, 223



210, 180, 222



233, 185, 158

Rectangle

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



158, 199, 189



130, 169, 203



210, 180, 222



237, 174, 186

Sweetspot

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



158, 199, 189



240, 255, 252



171, 199, 158



119, 128, 126



0, 0, 0



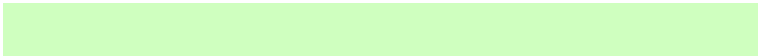
128, 128, 128

Same Dimension

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



158, 199, 189



191, 255, 239



158, 191, 199



90, 99, 97



0, 163, 123



0, 36, 27

Inverse Universe

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



189, 158, 199



239, 191, 255



199, 158, 189



97, 90, 99



123, 0, 163



27, 0, 36

Previews

White Background



This preview shows how the RYB color 158, 199, 189 looks on a white background.

Color Contrast Check

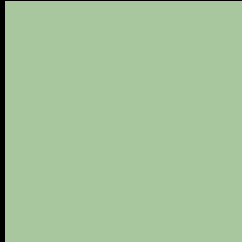
Large Text (above 18pt) WCAG AA × Fail

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, 199, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

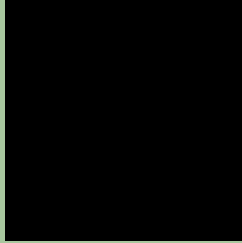
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

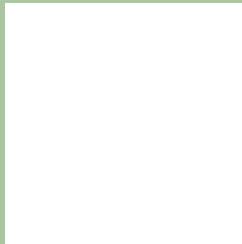
Any Text WCAG AAA ✓ Pass

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

RYB 158, 199, 189 Background



This preview shows how black text looks on a background with the RYB color 158, 199, 189.



This preview shows how white text looks on a background with the RYB color 158, 199, 189.

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](#).

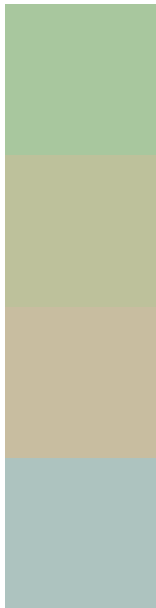
Dichromacy





Tritanopia
176, 187, 208

Trichromacy



Original Color
158, 199, 189

Protanomaly
155, 193, 159

Deuteranomaly
175, 200, 160

Tritanomaly
173, 185, 195

Monochromacy



Original Color
158, 199, 189

Achromatopsia
185, 185, 185

Achromatomaly
175, 190, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 199, 189 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(168, 199, 158)` looks like.

```
.text, #text, p{  
    color:rgb(168, 199, 158)  
}
```

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(168, 199, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 199, 158) }
```

Border

The CSS property to change the border of an element to RYB 158, 199, 189 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(168, 199, 158) }
```

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

```
.border{ border-color:rgb(168, 199, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 199, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 199, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 199, 158);  
box-shadow:4px 4px 4px 4px rgb(168, 199,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 158, 199, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 199, 158) }
```

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

```
.background{ background-color: rgb(168,  
199, 158) }
```

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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