

Converting Colors

`RYB(158, 194, 194)`

Have a look what the booklet for
RYB(158, 194, 194) contains.

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Color

R_YB(158, 194, 194)

Conversions

Conversions Part 1

Format	Color
Hex	9EC29E
RGB	158, 194, 158
RGB Percent	62%, 76%, 62%
CMY	0.3804, 0.2392, 0.3804
CMYK	0.19, 0.00, 0.19, 0.24
HSL	120°, 23%, 69%
HSV	120°, 19%, 76%
XYZ	39.5639, 48.3213, 39.5895
YIQ	179.1320, -9.9000, -18.8280

Conversions

Conversions Part 2

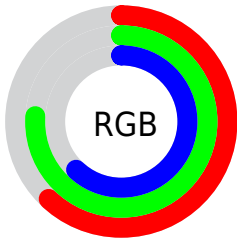
Format	Color
RYB	158, 194, 194
Decimal	10404510
CIELab	75.03, -19.03, 14.20
CIElCh	75, 23.742, 143.280
Yxy	48.3213, 0.3104, 0.3791
Android (android.graphics.Color)	4288594590 (0xFF9EC29E)
YUV	179.1320, -10.4181, -18.5328
Hunter-Lab	69.5135, -20.0547, 14.8925

Details

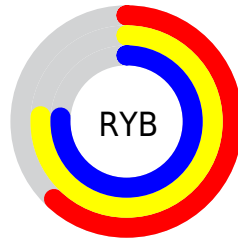
The RYB color **158, 194, 194** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 158, 194**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **213, 251, 251**, and **106, 139, 140** is the 20% darker color. If you saturate the color by 10%, you get **139, 194, 194**, and if you desaturate by 10%, it is **177, 194, 194**.

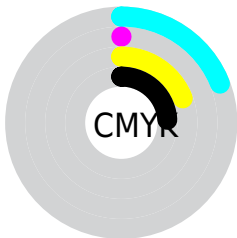
Distribution



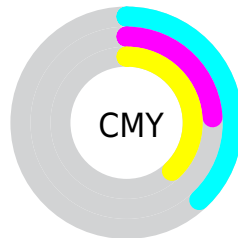
- Red (62%)
- Green (76%)
- Blue (62%)



- Red (62%)
- Yellow (76%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 194, 194 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, 194, 194 by changing the saturation by 10% instead.


 158, 194, 194

255, 255, 255


 213, 251, 251

 241, 255, 254

 158, 194, 194

 132, 167, 167

 106, 139, 140

 81, 114, 115

 58, 89, 90


 35, 64, 66

 12, 40, 44

 0, 25, 25


 0, 0, 0

 158, 194, 194


 158, 194, 194

 139, 194, 194


 177, 194, 194

 119, 194, 194


 197, 194, 197

 100, 194, 194


 216, 194, 216


 80, 194, 194

 236, 194, 236

 61, 194, 194

 255, 194, 255

 42, 194, 194

 22, 194, 194

 3, 194, 194

 0, 194, 194

Harmonies

Analogous

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



144, 189, 150



158, 194, 194



136, 172, 197

Triad

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



158, 194, 194



152, 176, 228



230, 170, 168

Complementary

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



158, 194, 194



194, 158, 194

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.



225, 169, 191



158, 194, 194



182, 181, 225

Square

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



158, 194, 194



129, 167, 219



208, 174, 211



223, 187, 151

Rectangle

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



158, 194, 194



126, 162, 197



208, 174, 211



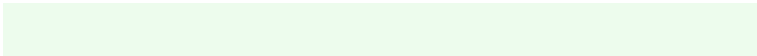
230, 169, 176

Sweetspot

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



158, 194, 194



237, 252, 252



158, 194, 158



119, 128, 128



0, 0, 0



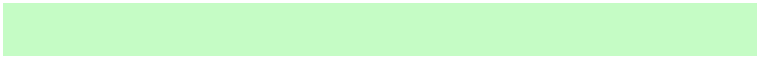
128, 128, 128

Same Dimension

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



158, 194, 194



197, 252, 252



158, 182, 194



87, 97, 97



0, 161, 161



0, 33, 33

Inverse Universe

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



194, 158, 194



252, 197, 252



194, 158, 176



97, 87, 97



161, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RYB color 158, 194, 194 looks on a white background.

Color Contrast Check

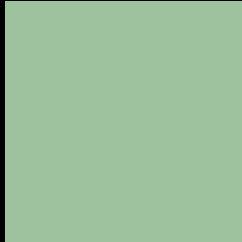
Large Text (above 18pt) WCAG AA × Fail

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, 194, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

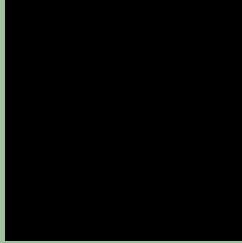
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

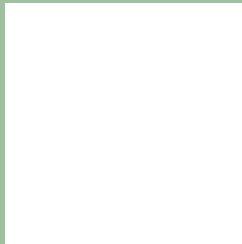
Any Text WCAG AAA ✓ Pass

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

RYB 158, 194, 194 Background



This preview shows how black text looks on a background with the RYB color 158, 194, 194.



This preview shows how white text looks on a background with the RYB color 158, 194, 194.

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](#).

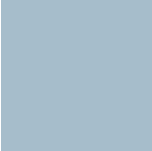
Dichromacy



Original Color
158, 194, 194

Protanopia
168, 195, 153

Deuteranopia
210, 185, 161



Tritanopia
166, 180, 203

Trichromacy



Original Color

158, 194, 194

Protanomaly

155, 188, 161

Deuteranomaly

171, 191, 160

Tritanomaly

163, 177, 190

Monochromacy



Original Color

158, 194, 194

Achromatopsia

179, 179, 179

Achromatomaly

171, 184, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 194, 194 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, 194, 158) looks like.

```
.text, #text, p{  
    color:rgb(158, 194, 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(158, 194, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 194, 158) }
```

Border

The CSS property to change the border of an element to RYB 158, 194, 194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

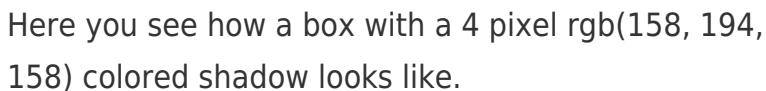
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 194, 158) }
```

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

```
.border{ border-color:rgb(158, 194, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 194, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 194, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 194, 158); box-shadow:4px 4px 4px 4px rgb(158, 194, 158) }
```

Background

The CSS property to change the background color of an element to RYB 158, 194, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 194, 158) }
```

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

```
.background{ background-color: rgb(158,  
194, 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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