

Converting Colors

`RYB(158, 205, 205)`

Have a look what the booklet for
RYB(158, 205, 205) contains.

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Color

R_YB(158, 205, 205)

Conversions

Conversions Part 1

Format	Color
Hex	9ECD9E
RGB	158, 205, 158
RGB Percent	62%, 80%, 62%
CMY	0.3804, 0.1961, 0.3804
CMYK	0.23, 0.00, 0.23, 0.20
HSL	120°, 32%, 71%
HSV	120°, 23%, 80%
XYZ	42.1034, 53.4004, 40.4360
YIQ	185.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

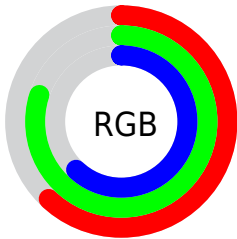
Format	Color
RYB	158, 205, 205
Decimal	10407326
CIELab	78.11, -24.50, 18.50
CIElCh	78, 30.701, 142.940
Yxy	53.4004, 0.3097, 0.3928
Android (android.graphics.Color)	4288597406 (0xFF9ECD9E)
YUV	185.5890, -13.6014, -24.1956
Hunter-Lab	73.0756, -25.0371, 18.3451

Details

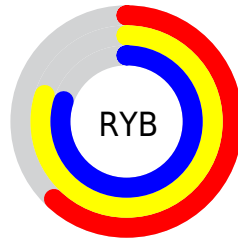
The RYB color **158, 205, 205** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **205, 158, 205**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **213, 255, 255**, and **106, 151, 151** is the 20% darker color. If you saturate the color by 10%, you get **138, 205, 205**, and if you desaturate by 10%, it is **179, 205, 205**.

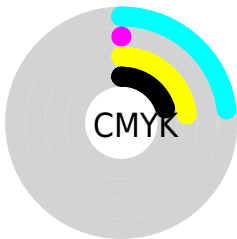
Distribution



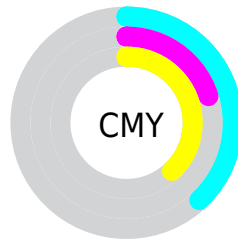
- Red (62%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (80%)



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



- Cyan (38%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 205, 205 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, 205, 205 by changing the saturation by 10% instead.


 158, 205, 205

255, 255, 255


 213, 255, 255

 241, 255, 254

 158, 205, 205

 131, 176, 177

 106, 151, 151

 80, 123, 125

 56, 96, 99

 32, 71, 75

 6, 44, 52

 0, 32, 32

 0, 0, 0

 158, 205, 205

 158, 205, 205

 138, 205, 205

 179, 205, 205

 117, 205, 205

 199, 205, 205

 97, 205, 205

 220, 205, 220

 76, 205, 205

 240, 205, 240

 55, 205, 205

 255, 205, 255

 35, 205, 205

 14, 205, 205

 0, 205, 205

Harmonies

Analogous

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



140, 198, 147



158, 205, 205



126, 175, 209

Triad

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



158, 205, 205



147, 181, 249



251, 173, 172

Complementary

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



158, 205, 205



205, 158, 205

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.



245, 173, 201



158, 205, 205



188, 188, 245

Square

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



158, 205, 205



114, 166, 238



223, 179, 228



241, 196, 149

Rectangle

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



158, 205, 205



111, 161, 209



223, 179, 228



251, 172, 182

Sweetspot

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



158, 205, 205



237, 255, 255



158, 205, 158



117, 128, 128



0, 0, 0



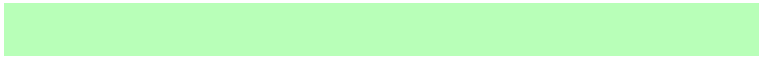
128, 128, 128

Same Dimension

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



158, 205, 205



184, 255, 255



158, 189, 205



92, 102, 102



0, 166, 166



0, 38, 38

Inverse Universe

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



205, 158, 205



255, 184, 255



205, 158, 182



102, 92, 102



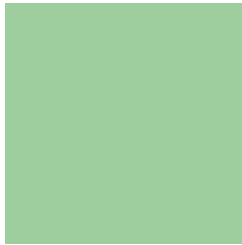
166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RYB color 158, 205, 205 looks on a white background.

Color Contrast Check

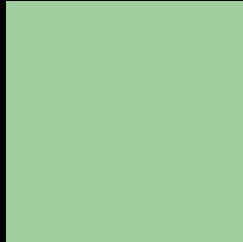
Large Text (above 18pt) WCAG AA × Fail

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, 205, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

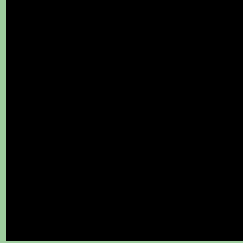
Any Text WCAG AA ✓ Pass

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, 205, 205 Background



This preview shows how black text looks on a background with the RYB color 158, 205, 205.

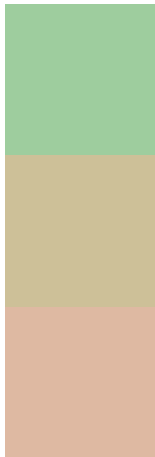


This preview shows how white text looks on a background with the RYB color 158, 205, 205.

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](#).

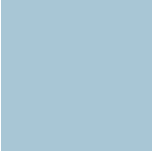
Dichromacy



Original Color
158, 205, 205

Protanopia
169, 205, 152

Deuteranopia
222, 199, 162



Tritanopia
168, 186, 213

Trichromacy



Original Color
158, 205, 205

Protanomaly
154, 197, 163

Deuteranomaly
170, 199, 161

Tritanomaly
164, 185, 201

Monochromacy



Original Color
158, 205, 205

Achromatopsia
186, 186, 186

Achromatomaly
176, 193, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 205, 205 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, 205, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 205, 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, 205, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 205, 158) }
```

Border

The CSS property to change the border of an element to RYB 158, 205, 205 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, 205, 158) }
```

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

```
.border{ border-color:rgb(158, 205, 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, 205, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 205, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 205, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 205,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 158, 205, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 205, 158) }
```

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

```
.background{ background-color: rgb(158,  
205, 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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