

Converting Colors

`RYB(159, 205, 192)`

Have a look what the booklet for
RYB(159, 205, 192) contains.

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Color

R_YB(159, 205, 192)

Conversions

Conversions Part 1

Format	Color
Hex	ACCD9F
RGB	172, 205, 159
RGB Percent	67%, 80%, 62%
CMY	0.3255, 0.1961, 0.3765
CMYK	0.16, 0.00, 0.22, 0.20
HSL	103°, 32%, 71%
HSV	103°, 22%, 80%
XYZ	45.1026, 54.9365, 41.0275
YIQ	189.8890, -4.9020, -21.3020

Conversions

Conversions Part 2

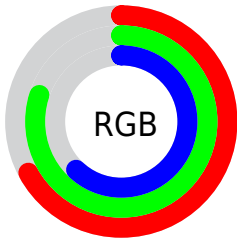
Format	Color
RYB	159, 205, 192
Decimal	11324831
CIELab	79.00, -19.51, 19.35
CIELCh	79, 27.475, 135.242
Yxy	54.9365, 0.3197, 0.3894
Android (android.graphics.Color)	4289514911 (0xFFACCD9F)
YUV	189.8890, -15.2283, -15.6887
Hunter-Lab	74.1192, -21.0887, 19.0643

Details

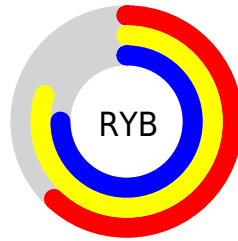
The RYB color **159, 205, 192** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **192, 159, 205**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **214, 255, 241**, and **107, 151, 139** is the 20% darker color. If you saturate the color by 10%, you get **139, 205, 187**, and if you desaturate by 10%, it is **180, 205, 198**.

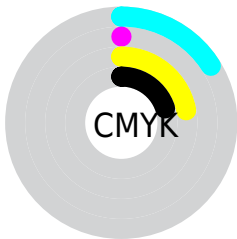
Distribution



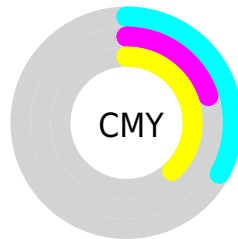
- Red (67%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 205, 192 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 159, 205, 192 by changing the saturation by 10% instead.

 159, 205, 192


255, 255, 255


 214, 255, 241

 242, 255, 242

 159, 205, 192

 133, 177, 165

 107, 151, 139

 83, 125, 114

 60, 100, 90

 37, 76, 67

 16, 53, 45

 0, 32, 32

 0, 0, 0

 159, 205, 192

 159, 205, 192

■ 139, 205, 187

■ 180, 205, 198

■ 118, 205, 180

■ 200, 205, 204

■ 98, 205, 175

■ 216, 205, 221

■ 77, 205, 169

■ 231, 205, 241

■ 57, 205, 164

■ 246, 205, 255

■ 36, 205, 157

■ 255, 205, 255

■ 16, 205, 152

■ 0, 205, 147

Harmonies

Analogous

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



149, 201, 146



159, 205, 192



144, 185, 209

Triad

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



159, 205, 192



148, 183, 244



248, 177, 183

Complementary

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



159, 205, 192



192, 159, 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.



239, 178, 209



159, 205, 192



183, 192, 245

Square

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



159, 205, 192



124, 171, 231



216, 185, 232



243, 190, 160

Rectangle

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



159, 205, 192



129, 172, 210



216, 185, 232



246, 177, 192

Sweetspot

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



159, 205, 192



237, 255, 250



177, 205, 159



117, 128, 125



0, 0, 0



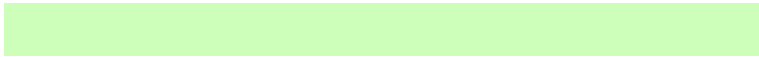
128, 128, 128

Same Dimension

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



159, 205, 192



186, 255, 235



159, 197, 205



92, 102, 99



0, 166, 119



0, 38, 27

Inverse Universe

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



192, 159, 205



236, 186, 255



205, 159, 195



99, 92, 102



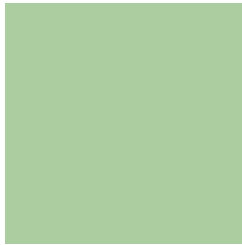
119, 0, 166



27, 0, 38

Previews

White Background



This preview shows how the RYB color 159, 205, 192 looks on a white background.

Color Contrast Check

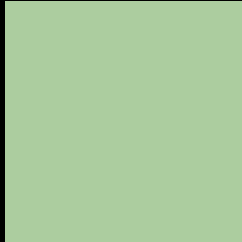
Large Text (above 18pt) WCAG AA × Fail

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 159, 205, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

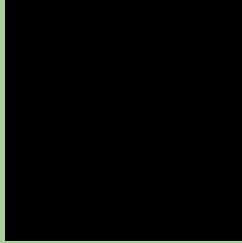
Any Text WCAG AA ✓ Pass

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 159, 205, 192 Background



This preview shows how black text looks on a background with the RYB color 159, 205, 192.



This preview shows how white text looks on a background with the RYB color 159, 205, 192.

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](#).

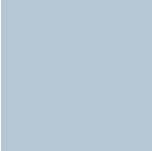
Dichromacy



Original Color
159, 205, 192

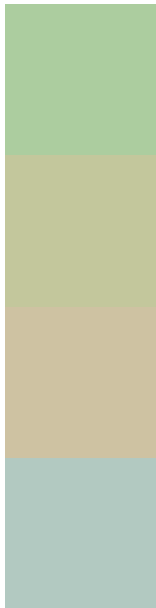
Protanopia
171, 208, 154

Deuteranopia
225, 205, 163



Tritanopia
181, 192, 213

Trichromacy



Original Color
159, 205, 192

Protanomaly
156, 199, 160

Deuteranomaly
179, 206, 162

Tritanomaly
178, 192, 201

Monochromacy



Original Color
159, 205, 192

Achromatopsia
190, 190, 190

Achromatomaly
179, 195, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 205, 192 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(172, 205, 159)` looks like.

```
.text, #text, p{  
    color:rgb(172, 205, 159)  
}
```

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(172, 205, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 205, 159) }
```

Border

The CSS property to change the border of an element to RYB 159, 205, 192 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(172, 205, 159) }
```

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

```
.border{ border-color:rgb(172, 205, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 205, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 205, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 205, 159);  
box-shadow:4px 4px 4px 4px rgb(172, 205,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 159, 205, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 205, 159) }
```

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

```
.background{ background-color: rgb(172,  
205, 159) }
```

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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