

Converting Colors

`RYB(159, 206, 196)`

Have a look what the booklet for
RYB(159, 206, 196) contains.

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Color

R_YB(159, 206, 196)

Conversions

Conversions Part 1

Format	Color
Hex	A9CE9F
RGB	169, 206, 159
RGB Percent	66%, 81%, 62%
CMY	0.3373, 0.1922, 0.3765
CMYK	0.18, 0.00, 0.23, 0.19
HSL	107°, 32%, 72%
HSV	107°, 23%, 81%
XYZ	44.6915, 55.0808, 41.0771
YIQ	189.5790, -6.9650, -22.4610

Conversions

Conversions Part 2

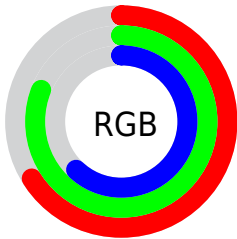
Format	Color
RYB	159, 206, 196
Decimal	11128479
CIELab	79.09, -21.06, 19.43
CIELCh	79, 28.651, 137.299
Yxy	55.0808, 0.3173, 0.3911
Android (android.graphics.Color)	4289318559 (0xFFA9CE9F)
YUV	189.5790, -15.0754, -18.0478
Hunter-Lab	74.2165, -22.3901, 19.1359

Details

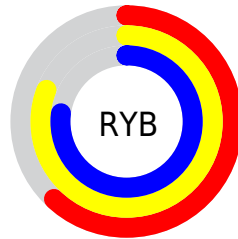
The RYB color **159, 206, 196** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196, 159, 206**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **214, 255, 244**, and **107, 152, 143** is the 20% darker color. If you saturate the color by 10%, you get **138, 206, 191**, and if you desaturate by 10%, it is **180, 206, 201**.

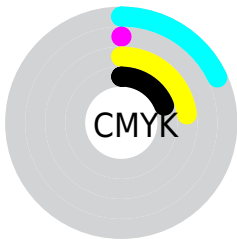
Distribution



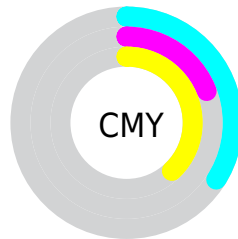
- Red (66%)
- Green (81%)
- Blue (62%)



- Red (62%)
- Yellow (81%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (23%)
- Black (19%)



- Cyan (34%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 206, 196 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, 206, 196 by changing the saturation by 10% instead.

 159, 206, 196


255, 255, 255


 214, 255, 244

 242, 255, 243

 159, 206, 196

 133, 178, 169

 107, 152, 143

 83, 126, 118

 60, 100, 93

 37, 76, 70

 16, 53, 49

 0, 32, 32

 0, 0, 0

 159, 206, 196

 159, 206, 196

 138, 206, 191

 180, 206, 201

 118, 206, 187

 200, 206, 205

 97, 206, 183

 218, 206, 221

 77, 206, 179

 234, 206, 241

 56, 206, 174

 250, 206, 255

 35, 206, 169

 255, 206, 255

 15, 206, 166

 0, 206, 162

Harmonies

Analogous

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



145, 199, 145



159, 206, 196



139, 183, 210

Triad

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



159, 206, 196



147, 182, 247



250, 177, 181

Complementary

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



159, 206, 196



196, 159, 206

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.



242, 178, 208



159, 206, 196



185, 192, 246

Square

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



159, 206, 196



121, 170, 234



219, 184, 232



244, 191, 158

Rectangle

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



159, 206, 196



124, 170, 211



219, 184, 232



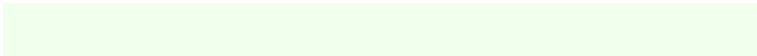
249, 176, 190

Sweetspot

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



159, 206, 196



237, 255, 251



172, 206, 159



117, 128, 126



0, 0, 0



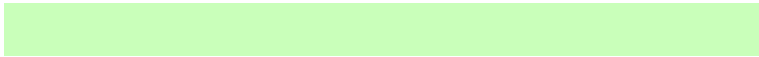
128, 128, 128

Same Dimension

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



159, 206, 196



186, 255, 240



159, 196, 206



92, 102, 100



0, 166, 131



0, 38, 30

Inverse Universe

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



196, 159, 206



240, 186, 255



206, 159, 193



100, 92, 102



130, 0, 166



30, 0, 38

Previews

White Background



This preview shows how the RYB color 159, 206, 196 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, 206, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

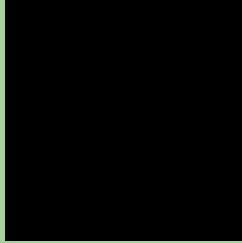
Any Text WCAG AA ✓ Pass

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, 206, 196 Background



This preview shows how black text looks on a background with the RYB color 159, 206, 196.

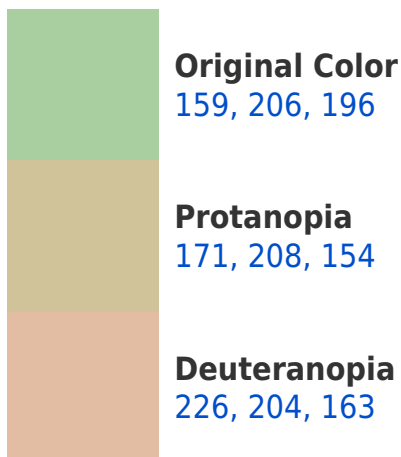


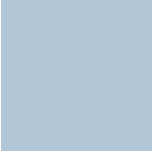
This preview shows how white text looks on a background with the RYB color 159, 206, 196.

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](#).

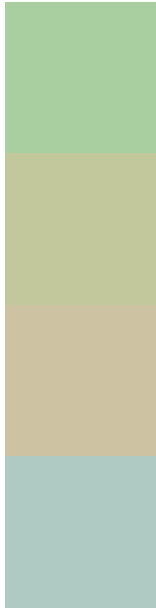
Dichromacy





Tritanopia
178, 191, 214

Trichromacy



Original Color
159, 206, 196

Protanomaly
156, 199, 161

Deuteranomaly
175, 205, 162

Tritanomaly
175, 191, 202

Monochromacy



Original Color
159, 206, 196

Achromatopsia
190, 190, 190

Achromatomaly
179, 196, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 206, 196 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(169, 206, 159)` looks like.

```
.text, #text, p{  
    color:rgb(169, 206, 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(169, 206, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 206, 159) }
```

Border

The CSS property to change the border of an element to RYB 159, 206, 196 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(169, 206, 159) }
```

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

```
.border{ border-color:rgb(169, 206, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 206, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 206, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 206, 159);  
box-shadow:4px 4px 4px 4px rgb(169, 206,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 159, 206, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 206, 159) }
```

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

```
.background{ background-color: rgb(169,  
206, 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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