

Converting Colors

RGB(159, 205, 177)

Have a look what the booklet for
RGB(159, 205, 177) contains.

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Color

RGB(159, 205, 177)

Conversions

Conversions Part 1

Format	Color
Hex	9FCDB1
RGB	159, 205, 177
RGB Percent	62%, 80%, 69%
CMY	0.3765, 0.1961, 0.3059
CMYK	0.22, 0.00, 0.14, 0.20
HSL	143°, 32%, 71%
HSV	143°, 22%, 80%
XYZ	44.0652, 54.2079, 49.7357
YIQ	188.0540, -18.4280, -18.4600

Conversions

Conversions Part 2

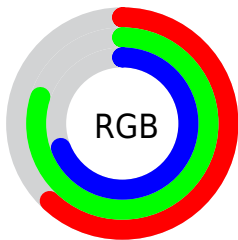
Format	Color
RYB	159, 192, 205
Decimal	10472881
CIELab	78.58, -20.70, 9.05
CIELCh	79, 22.594, 156.399
Yxy	54.2079, 0.2977, 0.3662
Android (android.graphics.Color)	4288662961 (0xFF9FCDB1)
YUV	188.0540, -5.4496, -25.4804
Hunter-Lab	73.6260, -22.0132, 11.4868

Details

The RGB color **159, 205, 177** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **205, 159, 187**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **214, 255, 233**, and **107, 151, 124** is the 20% darker color. If you saturate the color by 10%, you get **139, 205, 165**, and if you desaturate by 10%, it is **180, 205, 189**.

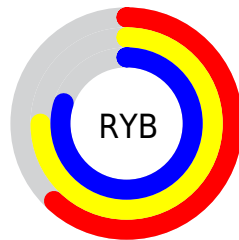
Distribution



Red (62%)

Green (80%)

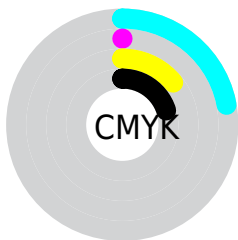
Blue (69%)



Red (62%)

Yellow (75%)

Blue (80%)

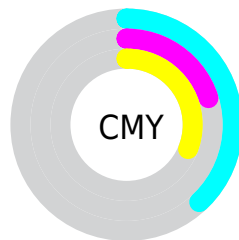


Cyan (22%)

Magenta (0%)

Yellow (14%)

Black (20%)



Cyan (38%)

Magenta (20%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 205, 177 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 RGB color 159, 205, 177 by changing the saturation by 10% instead.


 159, 205, 177


255, 255, 255


 214, 255, 233

 243, 255, 255

 159, 205, 177

 132, 177, 150

 107, 151, 124

 82, 125, 99

 57, 100, 76

 34, 75, 53

 9, 52, 32

 0, 32, 8

 0, 0, 0

 159, 205, 177

 159, 205, 177


 139, 205, 165

 180, 205, 189

 118, 205, 152

 200, 205, 202

 98, 205, 140

 221, 205, 214

 77, 205, 127

 241, 205, 227

 57, 205, 115

 255, 205, 239

 36, 205, 102

 255, 205, 252

 16, 205, 90

 255, 205, 255

 0, 205, 80

Harmonies

Analogous

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



182, 201, 160



159, 205, 177



141, 207, 198

Triad

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



159, 205, 177



176, 195, 236



236, 182, 170

Complementary

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



159, 205, 177



205, 159, 187

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.



237, 180, 191



159, 205, 177



204, 188, 228

Square

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



159, 205, 177



150, 201, 232



226, 182, 212



225, 188, 157

Rectangle

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



159, 205, 177



136, 206, 212



226, 182, 212



238, 181, 177

Sweetspot

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



159, 205, 177



237, 255, 244



187, 205, 159



117, 128, 121



0, 0, 0



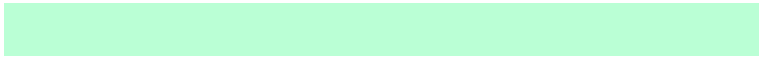
128, 128, 128

Same Dimension

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



159, 205, 177



186, 255, 213



159, 205, 200



92, 102, 96



0, 166, 65



0, 38, 15

Inverse Universe

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



205, 159, 187



255, 186, 228



205, 159, 164



102, 92, 98



166, 0, 101



38, 0, 23

Previews

White Background



This preview shows how the RGB color 159, 205, 177 looks on a white background.

Color Contrast Check

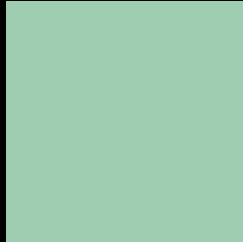
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 159, 205, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

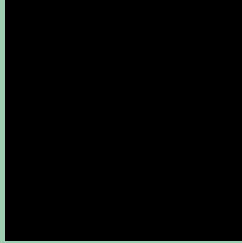
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

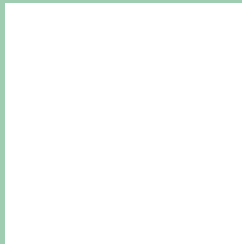
Any Text WCAG AAA ✓ Pass

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

RGB 159, 205, 177 Background



This preview shows how black text looks on a background with the RGB color 159, 205, 177.

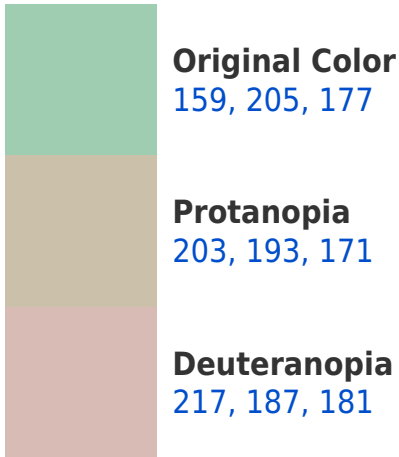


This preview shows how white text looks on a background with the RGB color 159, 205, 177.

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
166, 200, 215

Trichromacy



Original Color
159, 205, 177

Protanomaly
187, 197, 173

Deuteranomaly
196, 194, 180

Tritanomaly
163, 202, 201

Monochromacy



Original Color
159, 205, 177

Achromatopsia
188, 188, 188

Achromatomaly
177, 194, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 205, 177 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(159, 205, 177)` looks like.

```
.text, #text, p{  
    color:rgb(159, 205, 177)  
}
```

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(159, 205, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 205, 177) }
```

Border

The CSS property to change the border of an element to RGB 159, 205, 177 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(159, 205, 177) }
```

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

```
.border{ border-color:rgb(159, 205, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 205, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 205, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 205, 177);  
box-shadow:4px 4px 4px 4px rgb(159, 205,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 159, 205, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 205, 177) }
```

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

```
.background{ background-color: rgb(159,  
205, 177) }
```

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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