

Converting Colors

RGB(159, 207, 181)

Have a look what the booklet for
RGB(159, 207, 181) contains.

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Color

RGB(159, 207, 181)

Conversions

Conversions Part 1

Format	Color
Hex	9FCFB5
RGB	159, 207, 181
RGB Percent	62%, 81%, 71%
CMY	0.3765, 0.1882, 0.2902
CMYK	0.23, 0.00, 0.13, 0.19
HSL	148°, 33%, 72%
HSV	148°, 23%, 81%
XYZ	44.9514, 55.3328, 52.0272
YIQ	189.6840, -20.2620, -18.2620

Conversions

Conversions Part 2

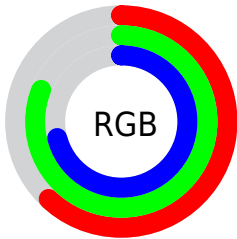
Format	Color
RYB	159, 192, 207
Decimal	10473397
CIELab	79.23, -20.93, 7.84
CIELCh	79, 22.347, 159.472
Yxy	55.3328, 0.2951, 0.3633
Android (android.graphics.Color)	4288663477 (0xFF9FCFB5)
YUV	189.6840, -4.2812, -26.9099
Hunter-Lab	74.3860, -22.3081, 10.6015

Details

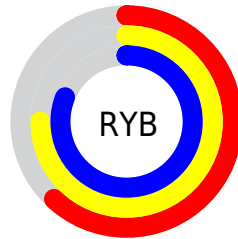
The RGB color **159, 207, 181** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **207, 159, 185**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **214, 255, 237**, and **107, 153, 128** is the 20% darker color. If you saturate the color by 10%, you get **138, 207, 170**, and if you desaturate by 10%, it is **180, 207, 192**.

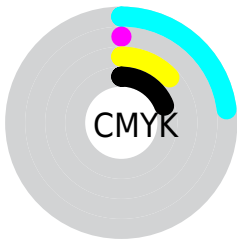
Distribution



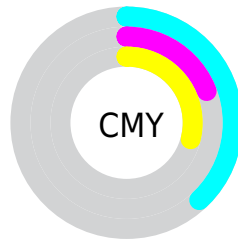
- Red (62%)
- Green (81%)
- Blue (71%)



- Red (62%)
- Yellow (75%)
- Blue (81%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (38%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 207, 181 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, 207, 181 by changing the saturation by 10% instead.


 159, 207, 181

255, 255, 255


 214, 255, 237

 243, 255, 255

 159, 207, 181

 132, 179, 154


 107, 153, 128

 81, 126, 103

 57, 101, 79

 33, 77, 56

 7, 54, 35

 0, 33, 13

 0, 0, 0

 159, 207, 181

 159, 207, 181

 138, 207, 170

 180, 207, 192

 118, 207, 159

 200, 207, 203

 97, 207, 147

 221, 207, 215

 76, 207, 136

 242, 207, 226

 55, 207, 125

 255, 207, 237

 35, 207, 114

 255, 207, 248

 14, 207, 103

 255, 207, 255

 0, 207, 95

Harmonies

Analogous

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



182, 203, 164



159, 207, 181



143, 208, 202

Triad

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



159, 207, 181



181, 196, 237



237, 184, 171

Complementary

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



159, 207, 181



207, 159, 185

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, 182, 190



159, 207, 181



208, 189, 228

Square

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



159, 207, 181



155, 202, 235



229, 183, 211



225, 190, 158

Rectangle

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



159, 207, 181



139, 208, 216



229, 183, 211



239, 183, 177

Sweetspot

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



159, 207, 181



237, 255, 245



185, 207, 159



117, 128, 122



0, 0, 0



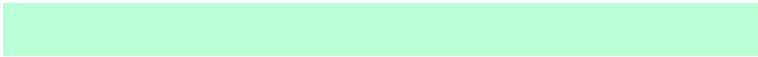
128, 128, 128

Same Dimension

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



159, 207, 181



184, 255, 216



159, 207, 205



94, 105, 99



0, 168, 77



0, 41, 19

Inverse Universe

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



207, 159, 185



255, 184, 222



207, 159, 161



105, 94, 100



168, 0, 91



41, 0, 22

Previews

White Background



This preview shows how the RGB color 159, 207, 181 looks on a white background.

Color Contrast Check

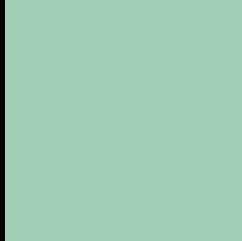
Large Text (above 18pt) WCAG AA × Fail

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, 207, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

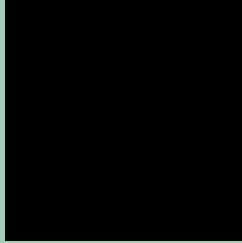
Any Text WCAG AA ✓ Pass

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, 207, 181 Background



This preview shows how black text looks on a background with the RGB color 159, 207, 181.

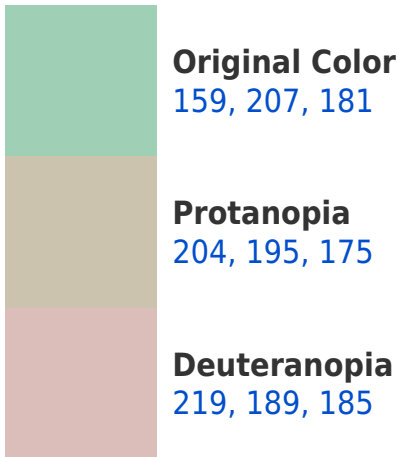


This preview shows how white text looks on a background with the RGB color 159, 207, 181.

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, 202, 218

Trichromacy



Original Color
159, 207, 181

Protanomaly
188, 199, 177

Deuteranomaly
197, 196, 184

Tritanomaly
163, 204, 205

Monochromacy



Original Color
159, 207, 181

Achromatopsia
190, 190, 190

Achromatomaly
179, 196, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 207, 181 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, 207, 181)` looks like.

```
.text, #text, p{  
    color:rgb(159, 207, 181)  
}
```

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, 207, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 207, 181) }
```

Border

The CSS property to change the border of an element to RGB 159, 207, 181 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, 207, 181) }
```

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

```
.border{ border-color:rgb(159, 207, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 207, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 207, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 207, 181);  
box-shadow:4px 4px 4px 4px rgb(159, 207,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 159, 207, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 207, 181) }
```

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

```
.background{ background-color: rgb(159,  
207, 181) }
```

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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