

Converting Colors

RGB(175, 237, 198)

Have a look what the booklet for
RGB(175, 237, 198) contains.

RGB(175, 237, 198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(175, 237, 198)

Conversions

Conversions Part 1

Format	Color
Hex	AFEDC6
RGB	175, 237, 198
RGB Percent	69%, 93%, 78%
CMY	0.3137, 0.0706, 0.2235
CMYK	0.26, 0.00, 0.16, 0.07
HSL	142°, 63%, 81%
HSV	142°, 26%, 93%
XYZ	58.1564, 73.7596, 64.5979
YIQ	214.0160, -24.4330, -25.2730

Conversions

Conversions Part 2

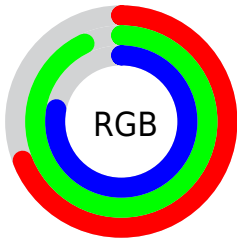
Format	Color
RYB	175, 220, 237
Decimal	11529670
CIELab	88.81, -27.28, 12.65
CIELCh	89, 30.073, 155.124
Yxy	73.7596, 0.2959, 0.3753
Android (android.graphics.Color)	4289719750 (0xFFAFEDC6)
YUV	214.0160, -7.8959, -34.2170
Hunter-Lab	85.8834, -29.4236, 15.5229

Details

The RGB color **175, 237, 198** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **237, 175, 214**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **232, 255, 255**, and **121, 181, 144** is the 20% darker color. If you saturate the color by 10%, you get **151, 237, 183**, and if you desaturate by 10%, it is **199, 237, 213**.

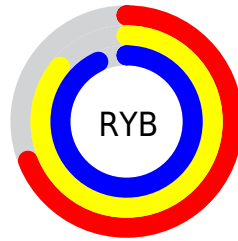
Distribution



Red (69%)

Green (93%)

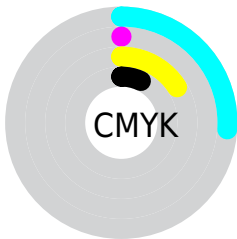
Blue (78%)



Red (69%)

Yellow (86%)

Blue (93%)

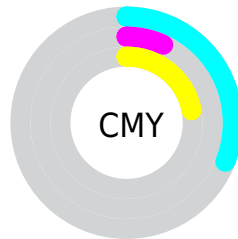


Cyan (26%)

Magenta (0%)

Yellow (16%)

Black (7%)



Cyan (31%)

Magenta (7%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 237, 198 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 175, 237, 198 by changing the saturation by 10% instead.

 175, 237, 198


255, 255, 255

 232, 255, 255


 175, 237, 198

 148, 209, 171

 121, 181, 144

 95, 154, 118

 70, 128, 94

 44, 102, 70

 17, 78, 47


 0, 55, 26

 0, 34, 0

 0, 0, 0

 175, 237, 198

 175, 237, 198

 151, 237, 183

 199, 237, 213

 128, 237, 168

 222, 237, 228

 104, 237, 153

 246, 237, 243

 80, 237, 138

 255, 237, 255

 56, 237, 123

 33, 237, 109

 9, 237, 94

 0, 237, 88

Harmonies

Analogous

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



208, 231, 176



175, 237, 198



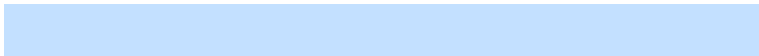
148, 239, 227

Triad

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



175, 237, 198



195, 224, 255



255, 205, 191

Complementary

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



175, 237, 198



237, 175, 214

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.



255, 202, 219



175, 237, 198



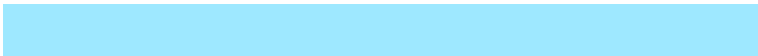
234, 214, 255

Square

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



175, 237, 198



158, 232, 255



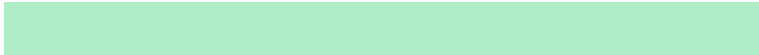
255, 206, 248



255, 213, 172

Rectangle

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



175, 237, 198



139, 239, 246



255, 206, 248



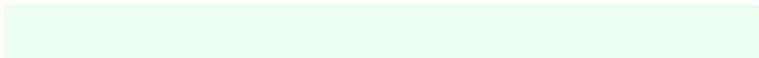
255, 204, 200

Sweetspot

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



175, 237, 198



235, 255, 242



214, 237, 175



115, 128, 119



0, 0, 0



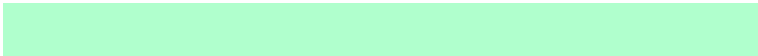
128, 128, 128

Same Dimension

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



175, 237, 198



176, 255, 205



175, 237, 229



106, 117, 110



0, 181, 67



0, 54, 20

Inverse Universe

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



237, 175, 214



255, 176, 226



237, 175, 183



117, 106, 113



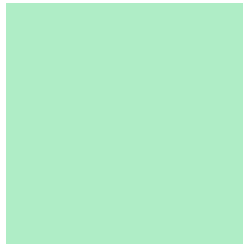
181, 0, 114



54, 0, 34

Previews

White Background



This preview shows how the RGB color 175, 237, 198 looks on a white background.

Color Contrast Check

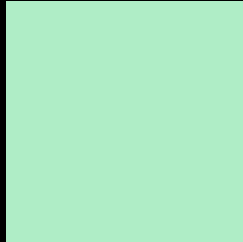
Large Text (above 18pt) WCAG AA × Fail

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 175, 237, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

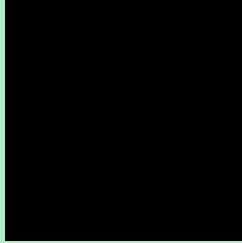
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

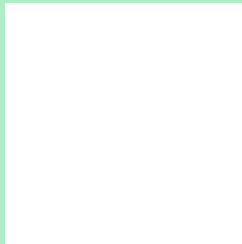
Any Text WCAG AAA ✓ Pass

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

RGB 175, 237, 198 Background



This preview shows how black text looks on a background with the RGB color 175, 237, 198.

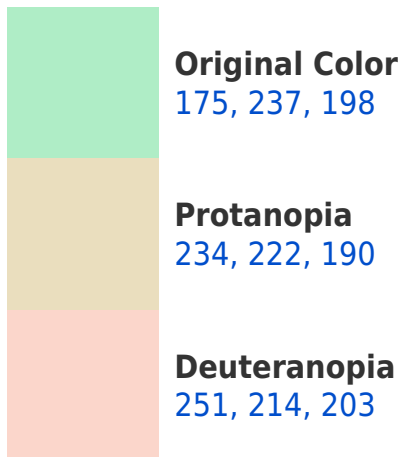


This preview shows how white text looks on a background with the RGB color 175, 237, 198.

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
185, 230, 248

Trichromacy



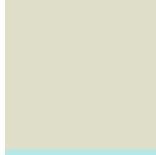
Original Color

175, 237, 198



Protanomaly

213, 227, 193



Deuteranomaly

223, 222, 201



Tritanomaly

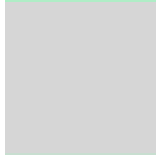
181, 233, 230

Monochromacy



Original Color

175, 237, 198



Achromatopsia

214, 214, 214



Achromatomaly

200, 222, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 237, 198 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(175, 237, 198)` looks like.

```
.text, #text, p{  
    color:rgb(175, 237, 198)  
}
```

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(175, 237, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 237, 198) }
```

Border

The CSS property to change the border of an element to RGB 175, 237, 198 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(175, 237, 198) }
```

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

```
.border{ border-color:rgb(175, 237, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 237, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 237, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 237, 198);  
box-shadow:4px 4px 4px 4px rgb(175, 237,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 175, 237, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 237, 198) }
```

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

```
.background{ background-color: rgb(175,  
237, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor