

Converting Colors

RGB(175, 246, 196)

Have a look what the booklet for
RGB(175, 246, 196) contains.

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Color

RGB(175, 246, 196)

Conversions

Conversions Part 1

Format	Color
Hex	AFF6C4
RGB	175, 246, 196
RGB Percent	69%, 96%, 77%
CMY	0.3137, 0.0353, 0.2314
CMYK	0.29, 0.00, 0.20, 0.04
HSL	138°, 80%, 83%
HSV	138°, 29%, 96%
XYZ	60.5988, 79.0110, 64.2813
YIQ	219.0710, -26.2660, -30.6020

Conversions

Conversions Part 2

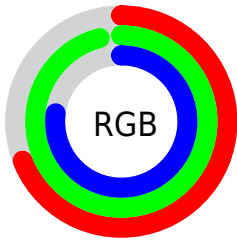
Format	Color
RYB	175, 230, 246
Decimal	11531972
CIELab	91.24, -31.90, 17.12
CIELCh	91, 36.200, 151.783
Yxy	79.0110, 0.2972, 0.3875
Android (android.graphics.Color)	4289722052 (0xFFAFF6C4)
YUV	219.0710, -11.3740, -38.6503
Hunter-Lab	88.8881, -33.8633, 19.3449

Details

The RGB color **175, 246, 196** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **246, 175, 225**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **232, 255, 253**, and **121, 189, 142** is the 20% darker color. If you saturate the color by 10%, you get **150, 246, 179**, and if you desaturate by 10%, it is **200, 246, 213**.

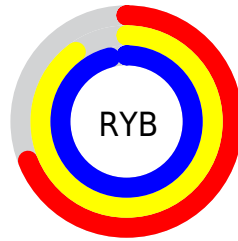
Distribution



Red (69%)

Green (96%)

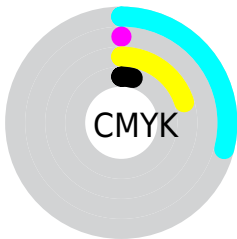
Blue (77%)



Red (69%)

Yellow (90%)

Blue (96%)

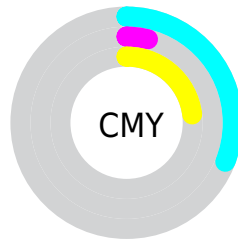


Cyan (29%)

Magenta (0%)

Yellow (20%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 246, 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 RGB color 175, 246, 196 by changing the saturation by 10% instead.


 175, 246, 196


255, 255, 255

 232, 255, 253

 175, 246, 196

 147, 217, 169

 121, 189, 142

 94, 162, 116

 68, 136, 92

 42, 110, 68

 10, 85, 45

 0, 61, 24

 0, 39, 0

 0, 8, 0

 175, 246, 196

 175, 246, 196

 150, 246, 179

 200, 246, 213

 126, 246, 161

 224, 246, 231

 101, 246, 144

 249, 246, 248

 77, 246, 127

 255, 246, 255

 52, 246, 109

 27, 246, 92

 3, 246, 75

 0, 246, 73

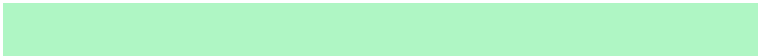
Harmonies

Analogous

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



215, 239, 170



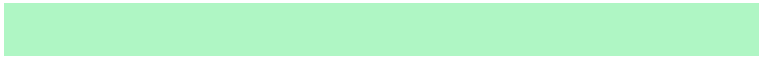
175, 246, 196



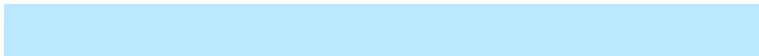
138, 249, 231

Triad

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



175, 246, 196



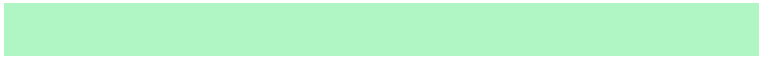
188, 232, 255



255, 207, 195

Complementary

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



175, 246, 196



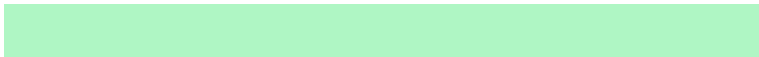
246, 175, 225

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, 204, 229



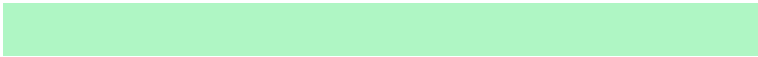
175, 246, 196



238, 220, 255

Square

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



175, 246, 196



141, 242, 255



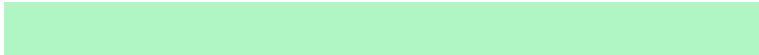
255, 209, 255



255, 217, 170

Rectangle

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



175, 246, 196



123, 249, 254



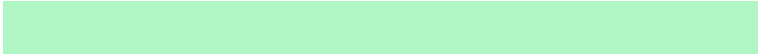
255, 209, 255



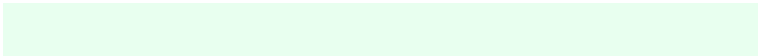
255, 205, 206

Sweetspot

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



175, 246, 196



232, 255, 239



226, 246, 175



113, 128, 118



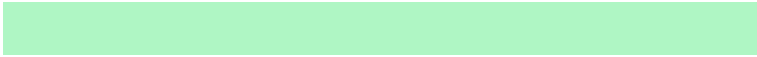
0, 0, 0



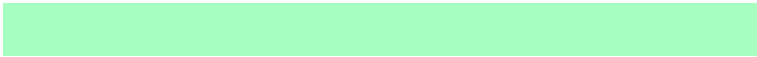
128, 128, 128

Same Dimension

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



175, 246, 196



166, 255, 192



175, 246, 231



110, 122, 114



0, 186, 55



0, 59, 17

Inverse Universe

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



246, 175, 225



255, 166, 229



246, 175, 190



122, 110, 119



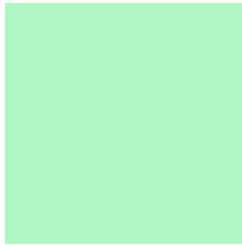
186, 0, 131



59, 0, 41

Previews

White Background



This preview shows how the RGB color 175, 246, 196 looks on a white background.

Color Contrast Check

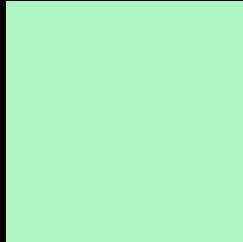
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 175, 246, 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](#).

RGB 175, 246, 196 Background



This preview shows how black text looks on a background with the RGB color 175, 246, 196.

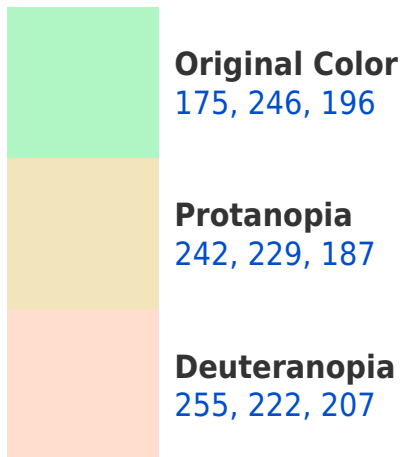


This preview shows how white text looks on a background with the RGB color 175, 246, 196.

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





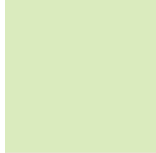
Tritanopia
190, 237, 255

Trichromacy



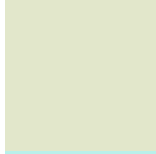
Original Color

175, 246, 196



Protanomaly

218, 235, 190



Deuteranomaly

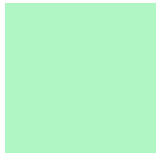
226, 231, 203



Tritanomaly

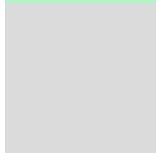
185, 240, 234

Monochromacy



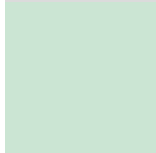
Original Color

175, 246, 196



Achromatopsia

219, 219, 219



Achromatomaly

203, 229, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 246, 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(175, 246, 196)` looks like.

```
.text, #text, p{  
    color:rgb(175, 246, 196)  
}
```

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, 246, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 246, 196) }
```

Border

The CSS property to change the border of an element to RGB 175, 246, 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(175, 246, 196) }
```

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

```
.border{ border-color:rgb(175, 246, 196) }
```

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

Here you see how a box with a 4 pixel rgb(175, 246, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 246, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 246, 196);  
box-shadow:4px 4px 4px 4px rgb(175, 246,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 175, 246, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 246, 196) }
```

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

```
.background{ background-color: rgb(175,  
246, 196) }
```

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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