

Converting Colors

RGB(175, 247, 176)

Have a look what the booklet for
RGB(175, 247, 176) contains.

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Color

RGB(175, 247, 176)

Conversions

Conversions Part 1

Format	Color
Hex	AFF7B0
RGB	175, 247, 176
RGB Percent	69%, 97%, 69%
CMY	0.3137, 0.0314, 0.3098
CMYK	0.29, 0.00, 0.29, 0.03
HSL	121°, 82%, 83%
HSV	121°, 29%, 97%
XYZ	58.7764, 78.7701, 53.1806
YIQ	217.3780, -20.1210, -37.3450

Conversions

Conversions Part 2

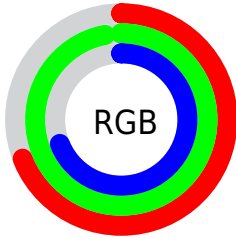
Format	Color
RYB	175, 246, 247
Decimal	11532208
CIELab	91.13, -35.79, 27.20
CIElCh	91, 44.951, 142.760
Yxy	78.7701, 0.3082, 0.4130
Android (android.graphics.Color)	4289722288 (0xFFAFF7B0)
YUV	217.3780, -20.3994, -37.1655
Hunter-Lab	88.7525, -37.1051, 26.6001

Details

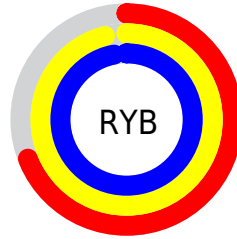
The RGB color **175, 247, 176** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **247, 175, 246**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **232, 255, 232**, and **120, 190, 123** is the 20% darker color. If you saturate the color by 10%, you get **150, 247, 152**, and if you desaturate by 10%, it is **200, 247, 200**.

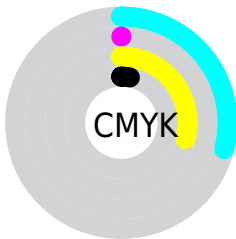
Distribution



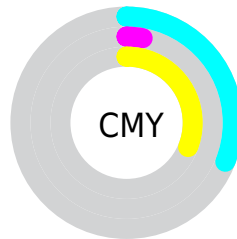
- Red (69%)
- Green (97%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (97%)



- Cyan (29%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 247, 176 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, 247, 176 by changing the saturation by 10% instead.


 175, 247, 176

255, 255, 255

 232, 255, 232

 175, 247, 176


 147, 218, 149

 120, 190, 123


 94, 163, 98

 67, 136, 73

 40, 111, 50

 6, 86, 27

 0, 62, 3

 0, 40, 0

 0, 8, 0

 175, 247, 176


 175, 247, 176

 150, 247, 152

 200, 247, 200

 126, 247, 127

 224, 247, 225

 101, 247, 103

 249, 247, 249

 76, 247, 79

 255, 247, 255

 52, 247, 54

 27, 247, 30

 2, 247, 6

 0, 247, 3

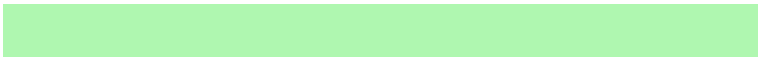
Harmonies

Analogous

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



225, 237, 149



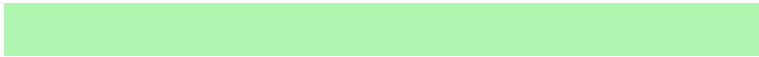
175, 247, 176



120, 252, 217

Triad

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



175, 247, 176



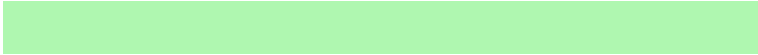
151, 237, 255



255, 198, 198

Complementary

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



175, 247, 176



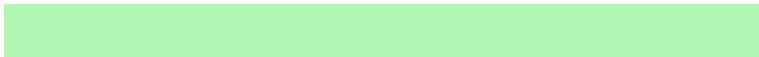
247, 175, 246

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, 197, 242



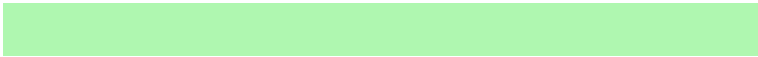
175, 247, 176



220, 222, 255

Square

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



175, 247, 176



82, 247, 255



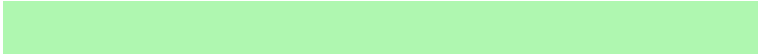
255, 207, 255



255, 209, 163

Rectangle

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



175, 247, 176



83, 253, 247



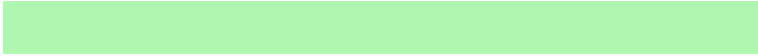
255, 207, 255



255, 197, 213

Sweetspot

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



175, 247, 176



232, 255, 232



247, 247, 175



113, 128, 114



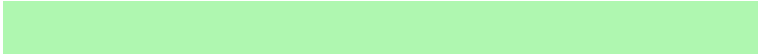
0, 0, 0



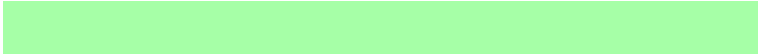
128, 128, 128

Same Dimension

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



175, 247, 176



166, 255, 167



175, 247, 211



110, 122, 110



0, 186, 3



0, 59, 1

Inverse Universe

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



247, 175, 246



255, 166, 254



247, 175, 211



122, 110, 122



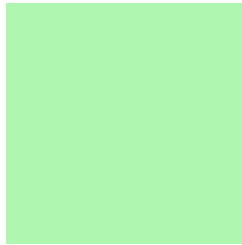
186, 0, 184



59, 0, 58

Previews

White Background



This preview shows how the RGB color 175, 247, 176 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, 247, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

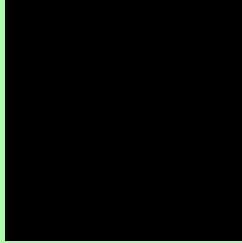
Any Text WCAG AA ✓ Pass

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, 247, 176 Background



This preview shows how black text looks on a background with the RGB color 175, 247, 176.

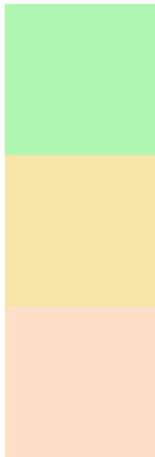


This preview shows how white text looks on a background with the RGB color 175, 247, 176.

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



Original Color
175, 247, 176

Protanopia
246, 228, 168

Deuteranopia
255, 223, 199



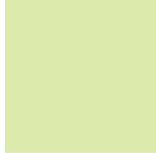
Tritanopia
191, 237, 255

Trichromacy



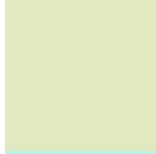
Original Color

175, 247, 176



Protanomaly

220, 235, 171



Deuteranomaly

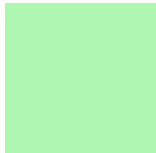
226, 232, 191



Tritanomaly

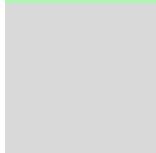
185, 241, 226

Monochromacy



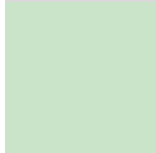
Original Color

175, 247, 176



Achromatopsia

217, 217, 217



Achromatomaly

202, 228, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 247, 176 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, 247, 176)` looks like.

```
.text, #text, p{  
    color:rgb(175, 247, 176)  
}
```

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, 247, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 247, 176) }
```

Border

The CSS property to change the border of an element to RGB 175, 247, 176 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, 247, 176) }
```

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

```
.border{ border-color:rgb(175, 247, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 247, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 247, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 247, 176);  
box-shadow:4px 4px 4px 4px rgb(175, 247,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 175, 247, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 247, 176) }
```

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

```
.background{ background-color: rgb(175,  
247, 176) }
```

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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