

Converting Colors

RGB(172, 246, 180)

Have a look what the booklet for
RGB(172, 246, 180) contains.

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Color

RGB(172, 246, 180)

Conversions

Conversions Part 1

Format	Color
Hex	ACF6B4
RGB	172, 246, 180
RGB Percent	67%, 96%, 71%
CMY	0.3255, 0.0353, 0.2941
CMYK	0.30, 0.00, 0.27, 0.04
HSL	126°, 80%, 82%
HSV	126°, 30%, 96%
XYZ	58.2072, 77.9775, 55.1633
YIQ	216.3500, -22.9180, -36.2140

Conversions

Conversions Part 2

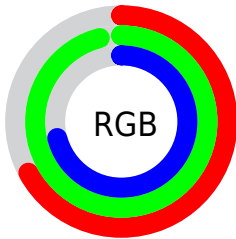
Format	Color
RYB	172, 239, 246
Decimal	11335348
CIELab	90.77, -35.61, 24.65
CIELCh	91, 43.308, 145.312
Yxy	77.9775, 0.3042, 0.4075
Android (android.graphics.Color)	4289525428 (0xFFACF6B4)
YUV	216.3500, -17.9205, -38.8949
Hunter-Lab	88.3049, -36.8730, 24.7754

Details

The RGB color **172, 246, 180** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **246, 172, 238**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **229, 255, 236**, and **117, 189, 127** is the 20% darker color. If you saturate the color by 10%, you get **147, 246, 158**, and if you desaturate by 10%, it is **197, 246, 202**.

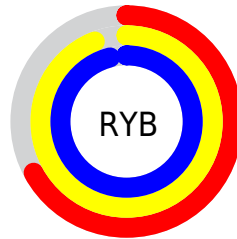
Distribution



Red (67%)

Green (96%)

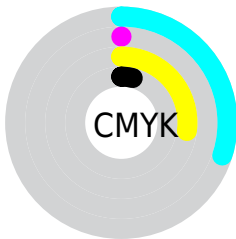
Blue (71%)



Red (67%)

Yellow (94%)

Blue (96%)

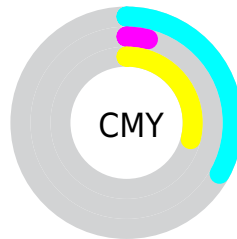


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (4%)



Cyan (33%)

Magenta (4%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 246, 180 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 172, 246, 180 by changing the saturation by 10% instead.

 172, 246, 180


255, 255, 255


 229, 255, 236


 172, 246, 180


 144, 217, 153

 117, 189, 127

 91, 162, 102

 64, 135, 77

 37, 110, 54

 0, 85, 31

 0, 61, 8

 0, 39, 0

 0, 5, 0

 172, 246, 180

 172, 246, 180

 147, 246, 158

 197, 246, 202

 123, 246, 136

 221, 246, 224

 98, 246, 114

 246, 246, 246

 74, 246, 92

 255, 246, 255

 49, 246, 70

 24, 246, 48

 0, 246, 27

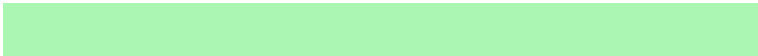
Harmonies

Analogous

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



220, 237, 152



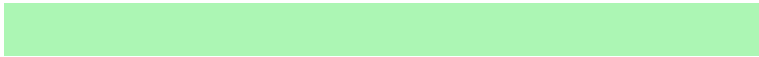
172, 246, 180



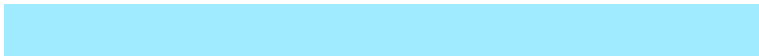
120, 251, 220

Triad

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



172, 246, 180



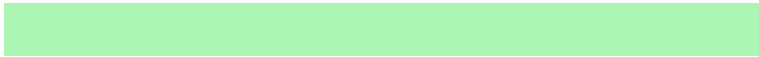
160, 235, 255



255, 199, 195

Complementary

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



172, 246, 180



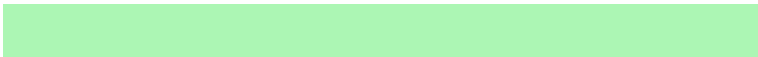
246, 172, 238

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, 237



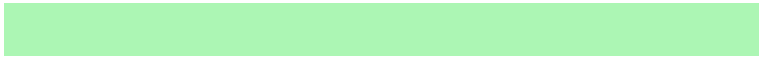
172, 246, 180



225, 220, 255

Square

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



172, 246, 180



96, 245, 255



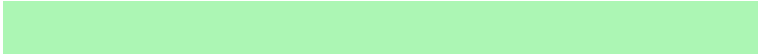
255, 206, 255



255, 210, 162

Rectangle

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



172, 246, 180



89, 251, 249



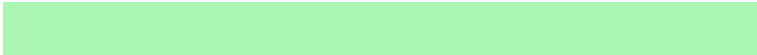
255, 206, 255



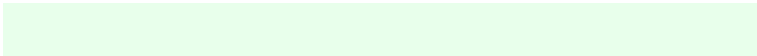
255, 197, 209

Sweetspot

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



172, 246, 180



232, 255, 235



239, 246, 172



113, 128, 115



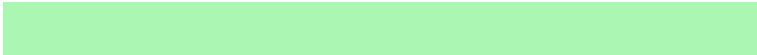
0, 0, 0



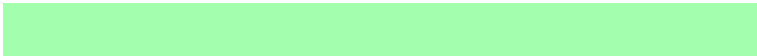
128, 128, 128

Same Dimension

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



172, 246, 180



163, 255, 173



172, 246, 216



110, 122, 111



0, 186, 20



0, 59, 6

Inverse Universe

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



246, 172, 238



255, 163, 245



246, 172, 202



122, 110, 121



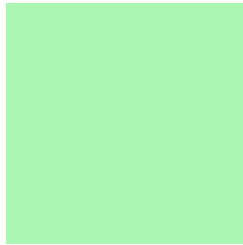
186, 0, 166



59, 0, 52

Previews

White Background



This preview shows how the RGB color 172, 246, 180 looks on a white background.

Color Contrast Check

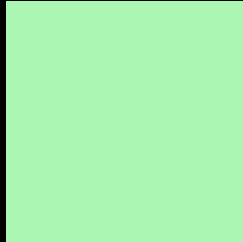
Large Text (above 18pt) WCAG AA × Fail

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 172, 246, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

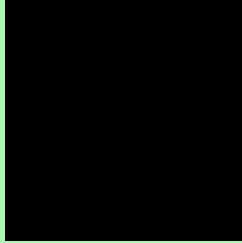
Any Text WCAG AA ✓ Pass

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 172, 246, 180 Background



This preview shows how black text looks on a background with the RGB color 172, 246, 180.

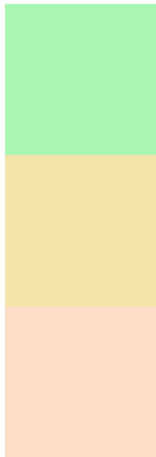


This preview shows how white text looks on a background with the RGB color 172, 246, 180.

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
172, 246, 180

Protanopia
244, 227, 171

Deuteranopia
255, 221, 198



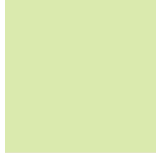
Tritanopia
186, 236, 255

Trichromacy



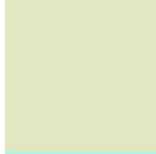
Original Color

172, 246, 180



Protanomaly

218, 234, 174



Deuteranomaly

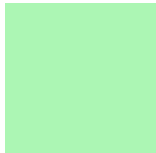
225, 230, 191



Tritanomaly

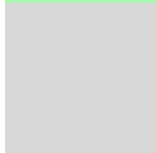
181, 240, 228

Monochromacy



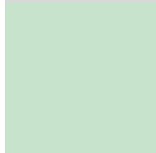
Original Color

172, 246, 180



Achromatopsia

216, 216, 216



Achromatomaly

200, 227, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 246, 180 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(172, 246, 180)` looks like.

```
.text, #text, p{  
    color:rgb(172, 246, 180)  
}
```

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(172, 246, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 246, 180) }
```

Border

The CSS property to change the border of an element to RGB 172, 246, 180 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(172, 246, 180) }
```

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

```
.border{ border-color:rgb(172, 246, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 246, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 246, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 246, 180);  
box-shadow:4px 4px 4px 4px rgb(172, 246,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 172, 246, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 246, 180) }
```

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

```
.background{ background-color: rgb(172,  
246, 180) }
```

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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