

Converting Colors

RGB(176, 244, 165)

Have a look what the booklet for
RGB(176, 244, 165) contains.

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Color

RGB(176, 244, 165)

Conversions

Conversions Part 1

Format	Color
Hex	B0F4A5
RGB	176, 244, 165
RGB Percent	69%, 96%, 65%
CMY	0.3098, 0.0431, 0.3529
CMYK	0.28, 0.00, 0.32, 0.04
HSL	112°, 78%, 80%
HSV	112°, 32%, 96%
XYZ	57.0467, 76.6481, 47.3852
YIQ	214.6620, -15.1690, -38.9850

Conversions

Conversions Part 2

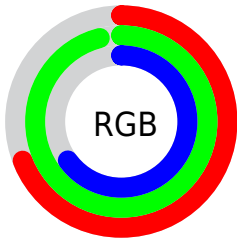
Format	Color
RYB	165, 244, 233
Decimal	11596965
CIELab	90.16, -35.82, 31.47
CIElCh	90, 47.683, 138.699
Yxy	76.6481, 0.3150, 0.4233
Android (android.graphics.Color)	4289787045 (0xFFB0F4A5)
YUV	214.6620, -24.4834, -33.9066
Hunter-Lab	87.5489, -36.9003, 29.1939

Details

The RGB color **176, 244, 165** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **233, 165, 244**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **233, 255, 221**, and **121, 187, 112** is the 20% darker color. If you saturate the color by 10%, you get **155, 244, 141**, and if you desaturate by 10%, it is **197, 244, 189**.

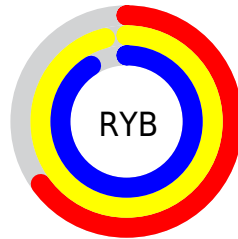
Distribution



Red (69%)

Green (96%)

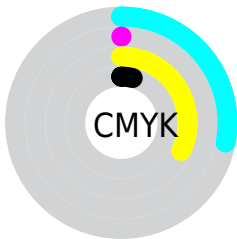
Blue (65%)



Red (65%)

Yellow (96%)

Blue (91%)

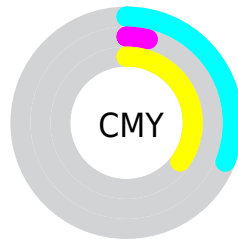


Cyan (28%)

Magenta (0%)

Yellow (32%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 244, 165 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 176, 244, 165 by changing the saturation by 10% instead.

 176, 244, 165


255, 255, 255

 233, 255, 221

 255, 255, 249


 176, 244, 165

 148, 215, 138

 121, 187, 112

 95, 160, 87

 68, 134, 63

 42, 108, 39

 8, 83, 16

 0, 59, 0

 0, 38, 0

 0, 1, 0

 176, 244, 165

 176, 244, 165

 155, 244, 141

 197, 244, 189

 134, 244, 116

 218, 244, 214

 113, 244, 92

 239, 244, 238

 92, 244, 67

 255, 244, 255

 71, 244, 43

 50, 244, 19

 34, 244, 0

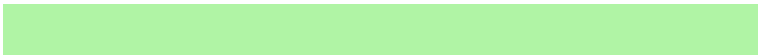
Harmonies

Analogous

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



228, 233, 139



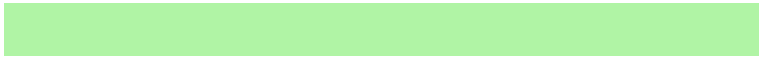
176, 244, 165



116, 250, 207

Triad

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



176, 244, 165



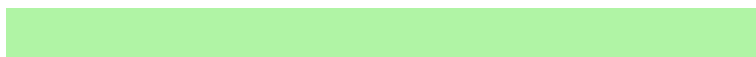
128, 236, 255



255, 192, 200

Complementary

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



176, 244, 165



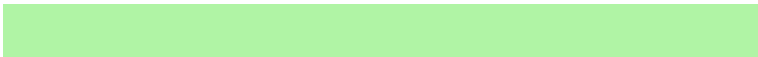
233, 165, 244

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, 193, 246



176, 244, 165



207, 221, 255

Square

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



176, 244, 165



35, 247, 255



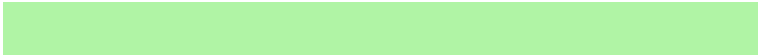
255, 205, 255



255, 203, 160

Rectangle

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



176, 244, 165



68, 251, 239



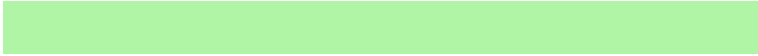
255, 205, 255



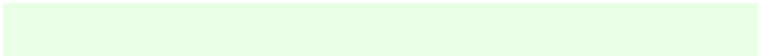
255, 191, 215

Sweetspot

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



176, 244, 165



233, 255, 230



244, 232, 165



114, 128, 112



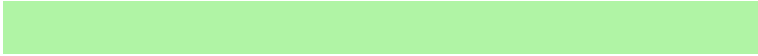
0, 0, 0



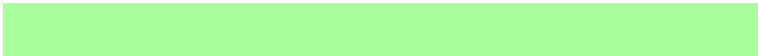
128, 128, 128

Same Dimension

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



176, 244, 165



169, 255, 156



165, 244, 193



112, 122, 110



26, 186, 0



8, 59, 0

Inverse Universe

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



233, 165, 244



241, 156, 255



244, 165, 216



121, 110, 122



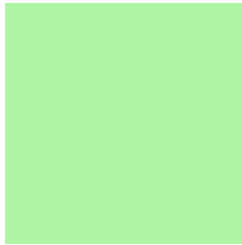
160, 0, 186



50, 0, 59

Previews

White Background



This preview shows how the RGB color 176, 244, 165 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 176, 244, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

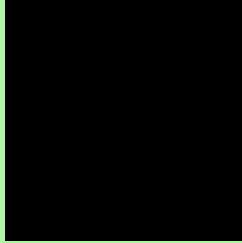
Any Text WCAG AA ✓ Pass

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 176, 244, 165 Background



This preview shows how black text looks on a background with the RGB color 176, 244, 165.



This preview shows how white text looks on a background with the RGB color 176, 244, 165.

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





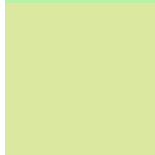
Tritanopia
191, 233, 252

Trichromacy



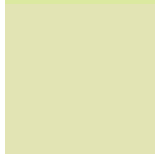
Original Color

176, 244, 165



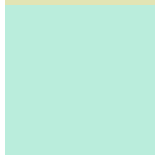
Protanomaly

219, 233, 160



Deuteranomaly

226, 228, 180



Tritanomaly

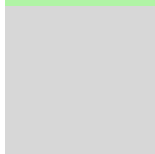
186, 237, 220

Monochromacy



Original Color

176, 244, 165



Achromatopsia

215, 215, 215



Achromatomaly

201, 226, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 244, 165 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(176, 244, 165)` looks like.

```
.text, #text, p{  
    color:rgb(176, 244, 165)  
}
```

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(176, 244, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 244, 165) }
```

Border

The CSS property to change the border of an element to RGB 176, 244, 165 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(176, 244, 165) }
```

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

```
.border{ border-color:rgb(176, 244, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 244, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 244, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 244, 165);  
box-shadow:4px 4px 4px 4px rgb(176, 244,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 176, 244, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 244, 165) }
```

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

```
.background{ background-color: rgb(176,  
244, 165) }
```

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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