

Converting Colors

RGB(180, 237, 164)

Have a look what the booklet for
RGB(180, 237, 164) contains.

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Color

RGB(180, 237, 164)

Conversions

Conversions Part 1

Format	Color
Hex	B4EDA4
RGB	180, 237, 164
RGB Percent	71%, 93%, 64%
CMY	0.2941, 0.0706, 0.3569
CMYK	0.24, 0.00, 0.31, 0.07
HSL	107°, 67%, 79%
HSV	107°, 31%, 93%
XYZ	55.8074, 72.9520, 46.2617
YIQ	211.6350, -10.5390, -34.7870

Conversions

Conversions Part 2

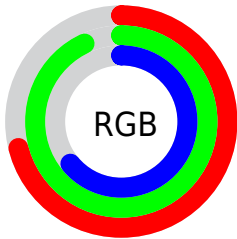
Format	Color
RYB	164, 237, 221
Decimal	11857316
CIELab	88.42, -31.42, 29.69
CIELCh	88, 43.228, 136.625
Yxy	72.9520, 0.3189, 0.4168
Android (android.graphics.Color)	4290047396 (0xFFB4EDA4)
YUV	211.6350, -23.4841, -27.7439
Hunter-Lab	85.4119, -32.8406, 27.6751

Details

The RGB color **180, 237, 164** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **221, 164, 237**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **237, 255, 219**, and **126, 181, 112** is the 20% darker color. If you saturate the color by 10%, you get **161, 237, 140**, and if you desaturate by 10%, it is **199, 237, 188**.

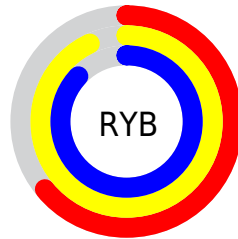
Distribution



Red (71%)

Green (93%)

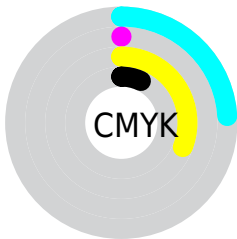
Blue (64%)



Red (64%)

Yellow (93%)

Blue (87%)

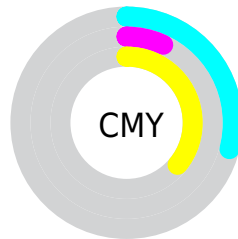


Cyan (24%)

Magenta (0%)

Yellow (31%)

Black (7%)



Cyan (29%)

Magenta (7%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 237, 164 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 180, 237, 164 by changing the saturation by 10% instead.

 180, 237, 164

255, 255, 255


 237, 255, 219


 255, 255, 248


 180, 237, 164


 153, 209, 137

 126, 181, 112

 99, 154, 87

 74, 128, 63

 48, 102, 39

 21, 78, 16

 0, 54, 0

 0, 34, 0

 0, 0, 0

■ 180, 237, 164

■ 180, 237, 164

■ 161, 237, 140

■ 199, 237, 188

■ 143, 237, 117

■ 217, 237, 211

■ 124, 237, 93

■ 236, 237, 235

■ 106, 237, 69

■ 254, 237, 255

■ 87, 237, 45

■ 255, 237, 255

■ 69, 237, 22

■ 52, 237, 0

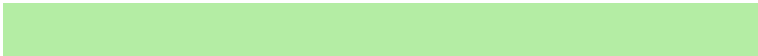
Harmonies

Analogous

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



227, 227, 142



180, 237, 164



129, 243, 201

Triad

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



180, 237, 164



133, 231, 255



255, 191, 200

Complementary

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



180, 237, 164



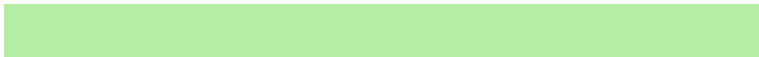
221, 164, 237

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, 192, 242



180, 237, 164



200, 218, 255

Square

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



180, 237, 164



74, 240, 255



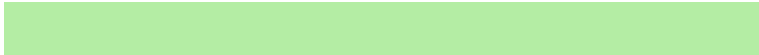
255, 203, 255



255, 199, 164

Rectangle

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



180, 237, 164



94, 244, 230



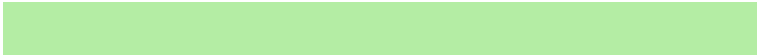
255, 203, 255



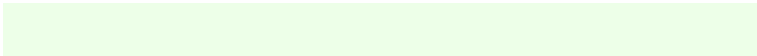
255, 190, 214

Sweetspot

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



180, 237, 164



237, 255, 232



237, 220, 164



117, 128, 113



0, 0, 0



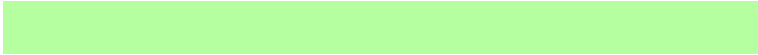
128, 128, 128

Same Dimension

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



180, 237, 164



181, 255, 161



164, 237, 183



108, 117, 106



40, 181, 0



12, 54, 0

Inverse Universe

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



221, 164, 237



234, 161, 255



237, 164, 218



115, 106, 117



141, 0, 181



42, 0, 54

Previews

White Background



This preview shows how the RGB color 180, 237, 164 looks on a white background.

Color Contrast Check

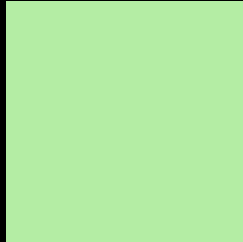
Large Text (above 18pt) WCAG AA × Fail

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 180, 237, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

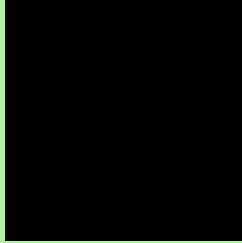
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

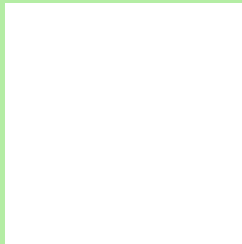
Any Text WCAG AAA ✓ Pass

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

RGB 180, 237, 164 Background



This preview shows how black text looks on a background with the RGB color 180, 237, 164.

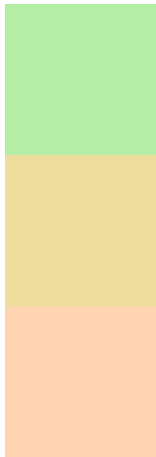


This preview shows how white text looks on a background with the RGB color 180, 237, 164.

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
180, 237, 164

Protanopia
238, 221, 157

Deuteranopia
255, 213, 177



Tritanopia
193, 227, 245

Trichromacy



Original Color

180, 237, 164



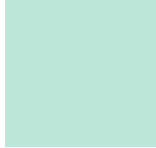
Protanomaly

217, 227, 160



Deuteranomaly

228, 222, 172



Tritanomaly

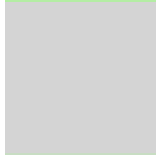
188, 231, 216

Monochromacy



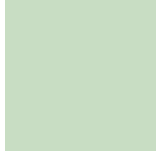
Original Color

180, 237, 164



Achromatopsia

212, 212, 212



Achromatomaly

200, 221, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 237, 164 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(180, 237, 164)` looks like.

```
.text, #text, p{  
    color:rgb(180, 237, 164)  
}
```

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(180, 237, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 237, 164) }
```

Border

The CSS property to change the border of an element to RGB 180, 237, 164 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(180, 237, 164) }
```

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

```
.border{ border-color:rgb(180, 237, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 237, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 237, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 237, 164);  
box-shadow:4px 4px 4px 4px rgb(180, 237,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 180, 237, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 237, 164) }
```

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

```
.background{ background-color: rgb(180,  
237, 164) }
```

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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