

Converting Colors

RGB(177, 246, 160)

Have a look what the booklet for
RGB(177, 246, 160) contains.

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Color

RGB(177, 246, 160)

Conversions

Conversions Part 1

Format	Color
Hex	B1F6A0
RGB	177, 246, 160
RGB Percent	69%, 96%, 63%
CMY	0.3059, 0.0353, 0.3725
CMYK	0.28, 0.00, 0.35, 0.04
HSL	108°, 83%, 80%
HSV	108°, 35%, 96%
XYZ	57.4324, 77.7967, 45.2470
YIQ	215.5650, -13.5180, -41.3740

Conversions

Conversions Part 2

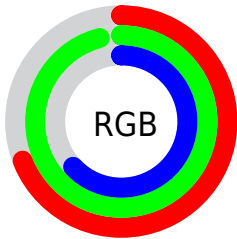
Format	Color
RYB	160, 246, 229
Decimal	11663008
CIELab	90.69, -37.15, 34.70
CIELCh	91, 50.831, 136.955
Yxy	77.7967, 0.3182, 0.4311
Android (android.graphics.Color)	4289853088 (0xFFB1F6A0)
YUV	215.5650, -27.3935, -33.8215
Hunter-Lab	88.2024, -38.1253, 31.3265

Details

The RGB color **177, 246, 160** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **229, 160, 246**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **234, 255, 215**, and **122, 189, 107** is the 20% darker color. If you saturate the color by 10%, you get **157, 246, 135**, and if you desaturate by 10%, it is **197, 246, 185**.

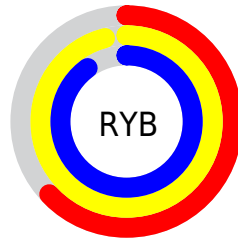
Distribution



Red (69%)

Green (96%)

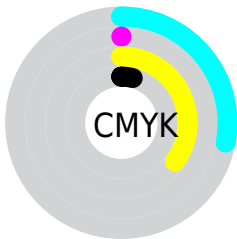
Blue (63%)



Red (63%)

Yellow (96%)

Blue (90%)

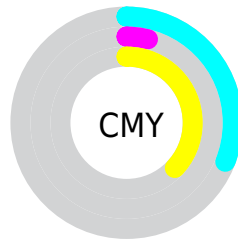


Cyan (28%)

Magenta (0%)

Yellow (35%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 246, 160 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 177, 246, 160 by changing the saturation by 10% instead.

 177, 246, 160

255, 255, 255

 234, 255, 215

 255, 255, 244

 177, 246, 160

 149, 217, 133

 122, 189, 107


 95, 162, 82

 69, 135, 58

 42, 110, 34

 7, 85, 8

 0, 61, 0

 0, 39, 0

 0, 5, 0

 177, 246, 160

 177, 246, 160

 157, 246, 135

 197, 246, 185

 138, 246, 111

 216, 246, 209

 118, 246, 86

 236, 246, 234

 98, 246, 62

 255, 246, 255

 78, 246, 37

 59, 246, 12

 49, 246, 0

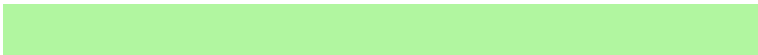
Harmonies

Analogous

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



232, 234, 133



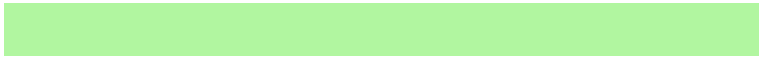
177, 246, 160



111, 253, 205

Triad

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



177, 246, 160



112, 239, 255



255, 191, 202

Complementary

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



177, 246, 160



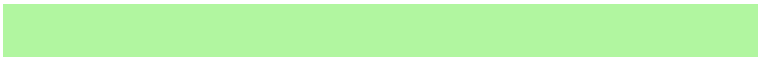
229, 160, 246

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, 192, 252



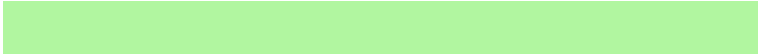
177, 246, 160



201, 224, 255

Square

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



177, 246, 160



0, 250, 255



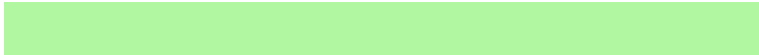
255, 206, 255



255, 201, 159

Rectangle

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



177, 246, 160



47, 254, 238



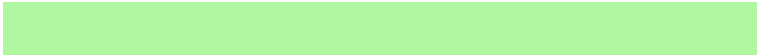
255, 206, 255



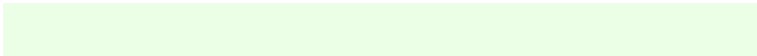
255, 190, 219

Sweetspot

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



177, 246, 160



235, 255, 230



246, 229, 160



115, 128, 112



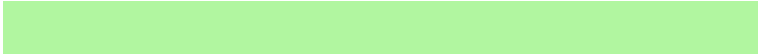
0, 0, 0



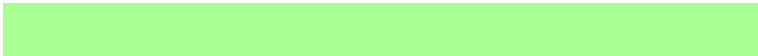
128, 128, 128

Same Dimension

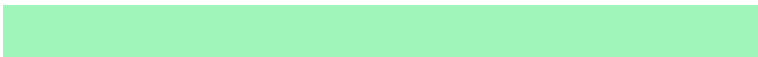
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 246, 160



169, 255, 148



160, 246, 186



113, 122, 110



37, 186, 0



12, 59, 0

Inverse Universe

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



229, 160, 246



234, 148, 255



246, 160, 220



120, 110, 122



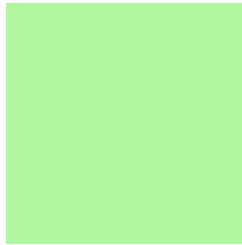
149, 0, 186



47, 0, 59

Previews

White Background



This preview shows how the RGB color 177, 246, 160 looks on a white background.

Color Contrast Check

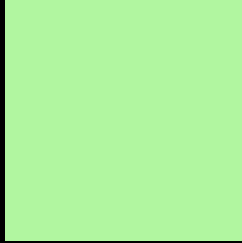
Large Text (above 18pt) WCAG AA × Fail

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 177, 246, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

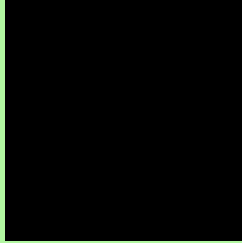
Any Text WCAG AA ✓ Pass

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 177, 246, 160 Background



This preview shows how black text looks on a background with the RGB color 177, 246, 160.



This preview shows how white text looks on a background with the RGB color 177, 246, 160.

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





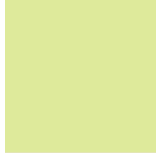
Tritanopia
193, 235, 253

Trichromacy



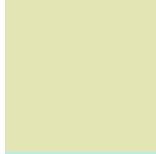
Original Color

177, 246, 160



Protanomaly

222, 234, 155



Deuteranomaly

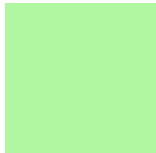
227, 230, 180



Tritanomaly

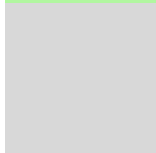
187, 239, 219

Monochromacy



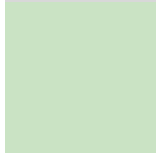
Original Color

177, 246, 160



Achromatopsia

216, 216, 216



Achromatomaly

202, 227, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 246, 160 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(177, 246, 160)` looks like.

```
.text, #text, p{  
    color:rgb(177, 246, 160)  
}
```

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(177, 246, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 246, 160) }
```

Border

The CSS property to change the border of an element to RGB 177, 246, 160 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(177, 246, 160) }
```

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

```
.border{ border-color:rgb(177, 246, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 246, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 246, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 246, 160); box-shadow:4px 4px 4px 4px rgb(177, 246, 160) }
```

Background

The CSS property to change the background color of an element to RGB 177, 246, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 246, 160) }
```

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

```
.background{ background-color: rgb(177,  
246, 160) }
```

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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