

Converting Colors

RGB(179, 242, 173)

Have a look what the booklet for
RGB(179, 242, 173) contains.

RGB(179, 242, 173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(179, 242, 173)

Conversions

Conversions Part 1

Format	Color
Hex	B3F2AD
RGB	179, 242, 173
RGB Percent	70%, 95%, 68%
CMY	0.2980, 0.0510, 0.3216
CMYK	0.26, 0.00, 0.29, 0.05
HSL	115°, 73%, 81%
HSV	115°, 29%, 95%
XYZ	57.8854, 76.1051, 51.1740
YIQ	215.2970, -15.3990, -34.8150

Conversions

Conversions Part 2

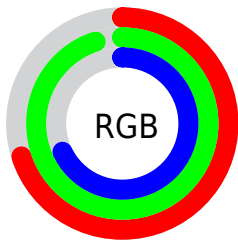
Format	Color
RYB	173, 242, 236
Decimal	11793069
CIELab	89.91, -32.68, 27.10
CIELCh	90, 42.457, 140.333
Yxy	76.1051, 0.3126, 0.4110
Android (android.graphics.Color)	4289983149 (0xFFB3F2AD)
YUV	215.2970, -20.8524, -31.8325
Hunter-Lab	87.2382, -34.2264, 26.2872

Details

The RGB color **179, 242, 173** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **236, 173, 242**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **236, 255, 229**, and **125, 186, 120** is the 20% darker color. If you saturate the color by 10%, you get **157, 242, 149**, and if you desaturate by 10%, it is **201, 242, 197**.

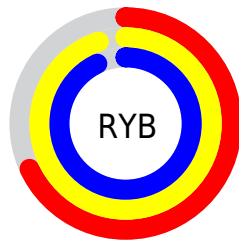
Distribution



Red (70%)

Green (95%)

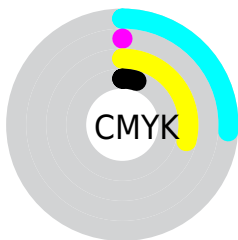
Blue (68%)



Red (68%)

Yellow (95%)

Blue (93%)

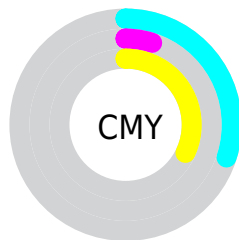


Cyan (26%)

Magenta (0%)

Yellow (29%)

Black (5%)



Cyan (30%)

Magenta (5%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 242, 173 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 179, 242, 173 by changing the saturation by 10% instead.

■ 179, 242, 173

255, 255, 255

■ 236, 255, 229

■ 179, 242, 173

■ 151, 213, 146

■ 125, 186, 120

■ 98, 158, 95

■ 72, 132, 71

■ 47, 106, 47

■ 18, 82, 25

■ 0, 58, 0

■ 0, 37, 0

■ 0, 0, 0

■ 179, 242, 173

■ 179, 242, 173

■ 157, 242, 149

■ 201, 242, 197

■ 135, 242, 125

■ 223, 242, 221

■ 113, 242, 100

■ 245, 242, 246

■ 91, 242, 76

■ 255, 242, 255

■ 69, 242, 52

■ 46, 242, 28

■ 24, 242, 4

■ 21, 242, 0

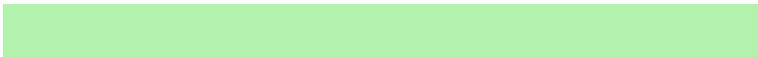
Harmonies

Analogous

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



225, 232, 149



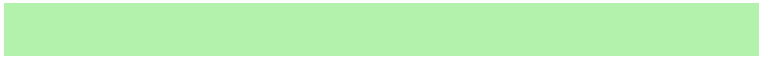
179, 242, 173



129, 247, 211

Triad

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



179, 242, 173



149, 234, 255



255, 196, 200

Complementary

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



179, 242, 173



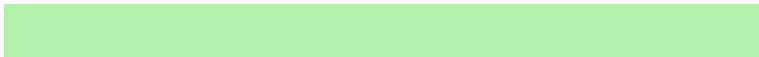
236, 173, 242

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, 196, 241



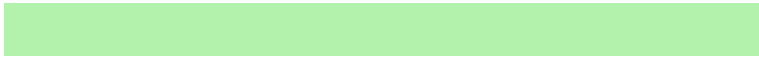
179, 242, 173



213, 220, 255

Square

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



179, 242, 173



91, 244, 255



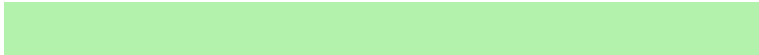
255, 206, 255



255, 205, 165

Rectangle

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



179, 242, 173



97, 248, 239



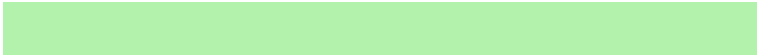
255, 206, 255



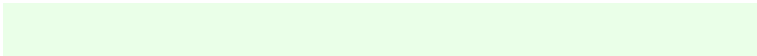
255, 195, 213

Sweetspot

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



179, 242, 173



234, 255, 232



242, 235, 173



115, 128, 113



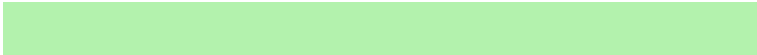
0, 0, 0



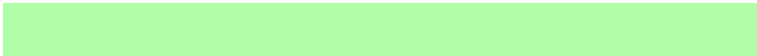
128, 128, 128

Same Dimension

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



179, 242, 173



176, 255, 168



173, 242, 201



109, 120, 108



16, 184, 0



5, 56, 0

Inverse Universe

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



236, 173, 242



247, 168, 255



242, 173, 214



119, 108, 120



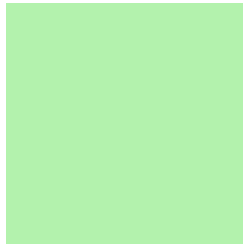
168, 0, 184



51, 0, 56

Previews

White Background



This preview shows how the RGB color 179, 242, 173 looks on a white background.

Color Contrast Check

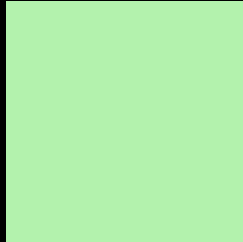
Large Text (above 18pt) WCAG AA × Fail

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 179, 242, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

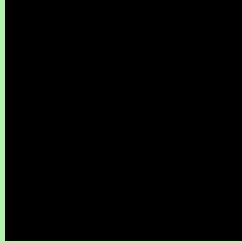
Any Text WCAG AA ✓ Pass

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 179, 242, 173 Background



This preview shows how black text looks on a background with the RGB color 179, 242, 173.

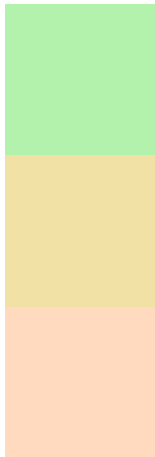


This preview shows how white text looks on a background with the RGB color 179, 242, 173.

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
179, 242, 173

Protanopia
242, 225, 165

Deuteranopia
255, 218, 190



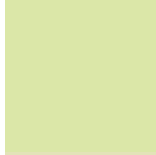
Tritanopia
192, 232, 251

Trichromacy



Original Color

179, 242, 173



Protanomaly

219, 231, 168



Deuteranomaly

227, 227, 184



Tritanomaly

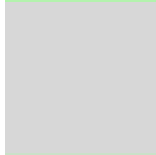
187, 236, 223

Monochromacy



Original Color

179, 242, 173



Achromatopsia

215, 215, 215



Achromatomaly

202, 225, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 242, 173 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(179, 242, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 242, 173)  
}
```

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(179, 242, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 242, 173) }
```

Border

The CSS property to change the border of an element to RGB 179, 242, 173 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(179, 242, 173) }
```

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

```
.border{ border-color:rgb(179, 242, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 242, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 242, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 242, 173);  
box-shadow:4px 4px 4px 4px rgb(179, 242,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 179, 242, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 242, 173) }
```

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

```
.background{ background-color: rgb(179,  
242, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor