

Converting Colors

RGB(191, 246, 174)

Have a look what the booklet for
RGB(191, 246, 174) contains.

RGB(191, 246, 174)	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(191, 246, 174)

Conversions

Conversions Part 1

Format	Color
Hex	BFF6AE
RGB	191, 246, 174
RGB Percent	75%, 96%, 68%
CMY	0.2510, 0.0353, 0.3176
CMYK	0.22, 0.00, 0.29, 0.04
HSL	106°, 80%, 82%
HSV	106°, 29%, 96%
XYZ	62.0816, 80.0439, 52.2224
YIQ	221.3470, -9.6680, -34.0520

Conversions

Conversions Part 2

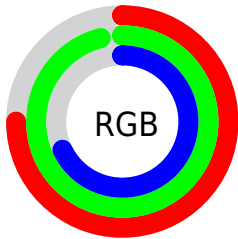
Format	Color
RYB	174, 246, 229
Decimal	12580526
CIELab	91.70, -30.42, 29.14
CIELCh	92, 42.129, 136.229
Yxy	80.0439, 0.3194, 0.4119
Android (android.graphics.Color)	4290770606 (0xFFBFF6AE)
YUV	221.3470, -23.3421, -26.6143
Hunter-Lab	89.4673, -32.7060, 28.0193

Details

The RGB color **191, 246, 174** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 174, 246**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **248, 255, 230**, and **136, 189, 121** is the 20% darker color. If you saturate the color by 10%, you get **172, 246, 149**, and if you desaturate by 10%, it is **210, 246, 199**.

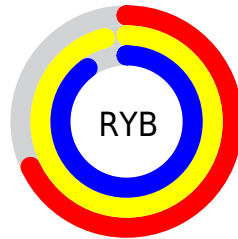
Distribution



Red (75%)

Green (96%)

Blue (68%)



Red (68%)

Yellow (96%)

Blue (90%)

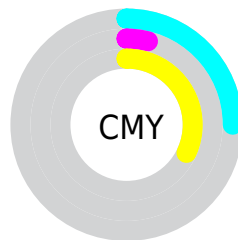


Cyan (22%)

Magenta (0%)

Yellow (29%)

Black (4%)



Cyan (25%)

Magenta (4%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 246, 174 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 191, 246, 174 by changing the saturation by 10% instead.


 191, 246, 174


255, 255, 255


 248, 255, 230

 191, 246, 174

 163, 217, 147

 136, 189, 121

 110, 162, 96

 84, 136, 71

 59, 110, 48

 33, 85, 25

 4, 62, 0

 0, 40, 0

 0, 12, 0

 191, 246, 174

 191, 246, 174

 172, 246, 149

 210, 246, 199

 153, 246, 125

 229, 246, 223

 135, 246, 100

 247, 246, 248

 116, 246, 76

 255, 246, 255

 97, 246, 51

 78, 246, 26

 59, 246, 2

 58, 246, 0

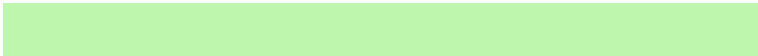
Harmonies

Analogous

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



237, 236, 153



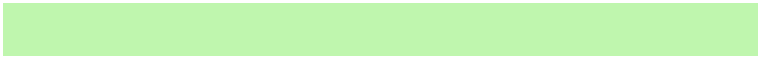
191, 246, 174



142, 252, 211

Triad

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



191, 246, 174



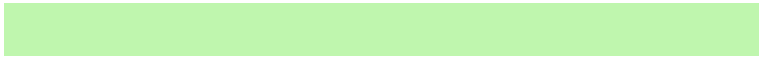
146, 241, 255



255, 201, 211

Complementary

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



191, 246, 174



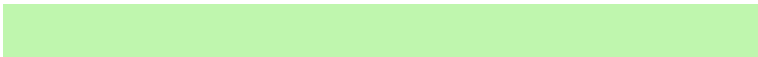
229, 174, 246

Split Complementary

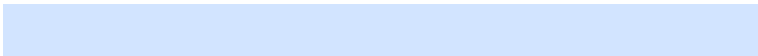
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 203, 252



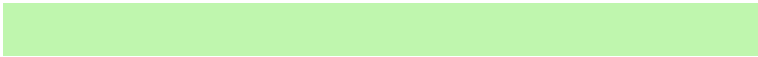
191, 246, 174



210, 228, 255

Square

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



191, 246, 174



95, 250, 255



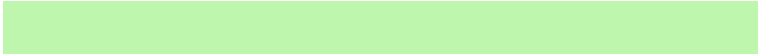
255, 213, 255



255, 209, 175

Rectangle

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



191, 246, 174



111, 253, 239



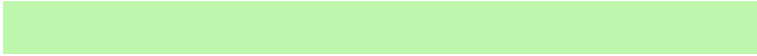
255, 213, 255



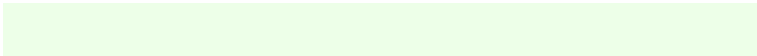
255, 200, 224

Sweetspot

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



191, 246, 174



237, 255, 232



246, 228, 174



117, 128, 113



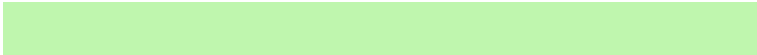
0, 0, 0



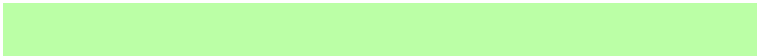
128, 128, 128

Same Dimension

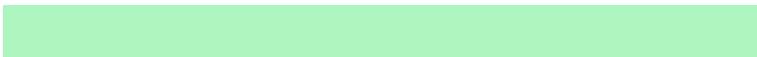
The Same Dimension uses a secret algorithm to generate beautiful new colors.



191, 246, 174



187, 255, 166



174, 246, 192



113, 122, 110



44, 186, 0



14, 59, 0

Inverse Universe

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



229, 174, 246



234, 166, 255



246, 174, 228



120, 110, 122



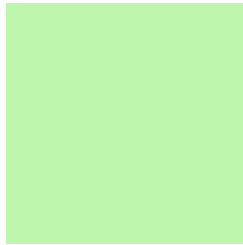
142, 0, 186



45, 0, 59

Previews

White Background



This preview shows how the RGB color 191, 246, 174 looks on a white background.

Color Contrast Check

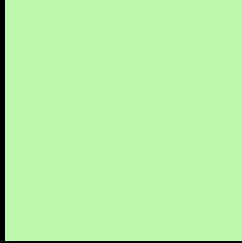
Large Text (above 18pt) WCAG AA × Fail

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 191, 246, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

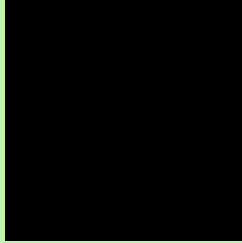
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

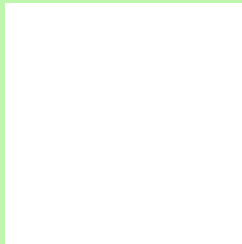
Any Text WCAG AAA ✓ Pass

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

RGB 191, 246, 174 Background



This preview shows how black text looks on a background with the RGB color 191, 246, 174.

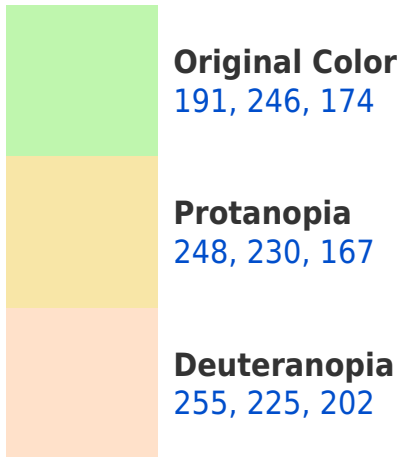


This preview shows how white text looks on a background with the RGB color 191, 246, 174.

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
204, 236, 254

Trichromacy



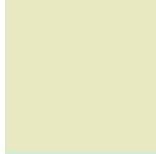
Original Color

191, 246, 174



Protanomaly

227, 236, 170



Deuteranomaly

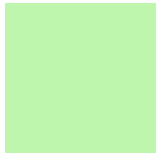
232, 233, 192



Tritanomaly

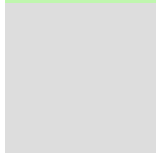
199, 240, 225

Monochromacy



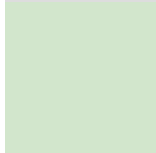
Original Color

191, 246, 174



Achromatopsia

221, 221, 221



Achromatomaly

210, 230, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 246, 174 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(191, 246, 174)` looks like.

```
.text, #text, p{  
    color:rgb(191, 246, 174)  
}
```

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(191, 246, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 246, 174) }
```

Border

The CSS property to change the border of an element to RGB 191, 246, 174 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(191, 246, 174) }
```

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

```
.border{ border-color:rgb(191, 246, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 246, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 246, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 246, 174);  
box-shadow:4px 4px 4px 4px rgb(191, 246,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 191, 246, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 246, 174) }
```

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

```
.background{ background-color: rgb(191,  
246, 174) }
```

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