

Converting Colors

RGB(189, 255, 187)

Have a look what the booklet for
RGB(189, 255, 187) contains.

RGB(189, 255, 187)	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(189, 255, 187)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFB</code>
RGB	<code>189, 255, 187</code>
RGB Percent	<code>74%, 100%, 73%</code>
CMY	<code>0.2588, 0.0000, 0.2667</code>
CMYK	<code>0.26, 0.00, 0.27, 0.00</code>
HSL	<code>118°, 100%, 87%</code>
HSV	<code>118°, 27%, 100%</code>
XYZ	<code>65.7159, 85.9267, 60.1356</code>
YIQ	<code>227.5140, -17.5080, -35.1400</code>

Conversions

Conversions Part 2

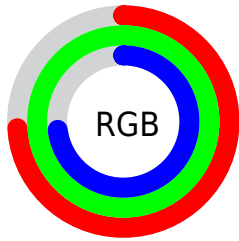
Format	Color
RYB	187, 255, 253
Decimal	12451771
CIELab	94.28, -33.22, 26.05
CIELCh	94, 42.216, 141.902
Yxy	85.9267, 0.3103, 0.4057
Android (android.graphics.Color)	4290641851 (0xFFBDFFB8)
YUV	227.5140, -19.9734, -33.7768
Hunter-Lab	92.6966, -35.6742, 26.4241

Details

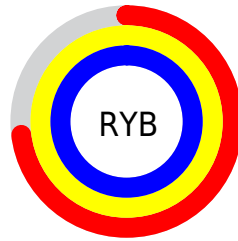
The RGB color **189, 255, 187** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **253, 187, 255**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **246, 255, 243**, and **134, 198, 133** is the 20% darker color. If you saturate the color by 10%, you get **164, 255, 162**, and if you desaturate by 10%, it is **214, 255, 212**.

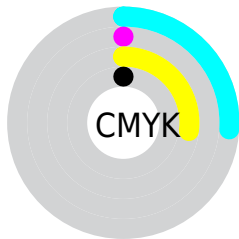
Distribution



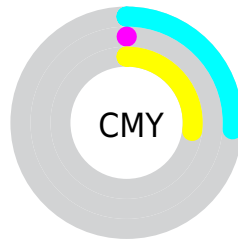
- Red (74%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (99%)



- Cyan (26%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 255, 187 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 189, 255, 187 by changing the saturation by 10% instead.


 189, 255, 187


255, 255, 255

 246, 255, 243

 189, 255, 187

 161, 226, 160

 134, 198, 133

 107, 170, 108

 81, 144, 83

 56, 118, 59

 28, 93, 37

 0, 68, 14

 0, 45, 0

 0, 24, 0

■ 189, 255, 187

■ 189, 255, 187

■ 164, 255, 162

■ 214, 255, 212

■ 140, 255, 136

■ 239, 255, 238

■ 115, 255, 110

255, 255, 255

■ 90, 255, 85

■ 65, 255, 59

■ 41, 255, 34

■ 16, 255, 8

■ 8, 255, 0

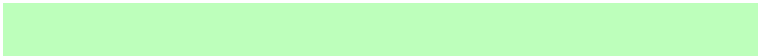
Harmonies

Analogous

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



236, 245, 162



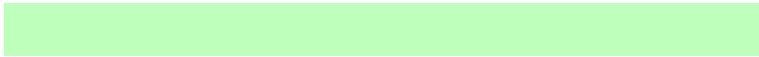
189, 255, 187



140, 255, 226

Triad

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



189, 255, 187



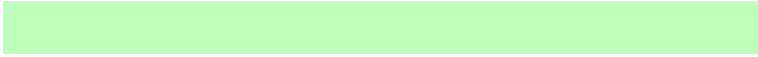
166, 246, 255



255, 209, 210

Complementary

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



189, 255, 187



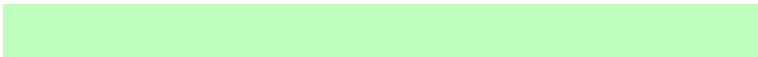
253, 187, 255

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, 209, 251



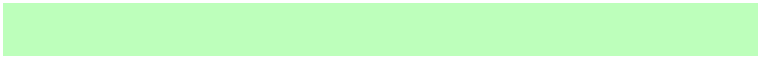
189, 255, 187



228, 232, 255

Square

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



189, 255, 187



111, 255, 255



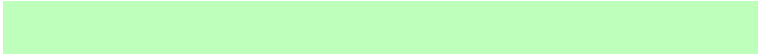
255, 218, 255



255, 219, 176

Rectangle

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



189, 255, 187



111, 255, 254



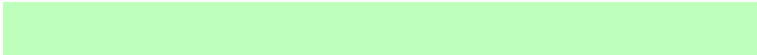
255, 218, 255



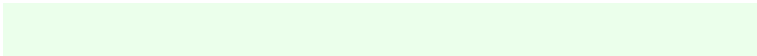
255, 208, 224

Sweetspot

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



189, 255, 187



235, 255, 235



255, 253, 187



115, 128, 115



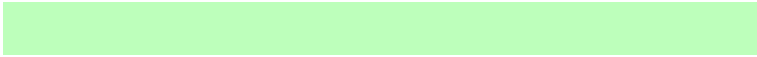
0, 0, 0



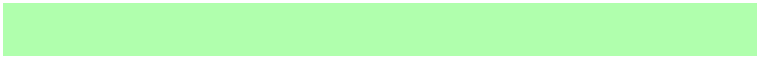
128, 128, 128

Same Dimension

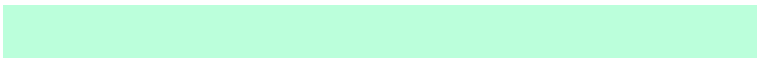
The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 255, 187



176, 255, 173



187, 255, 219



115, 128, 115



6, 191, 0



2, 64, 0

Inverse Universe

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



253, 187, 255



253, 173, 255



255, 187, 223



127, 115, 128



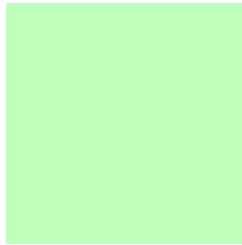
186, 0, 191



62, 0, 64

Previews

White Background



This preview shows how the RGB color 189, 255, 187 looks on a white background.

Color Contrast Check

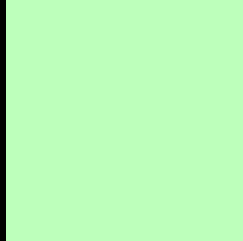
Large Text (above 18pt) WCAG AA × Fail

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 189, 255, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

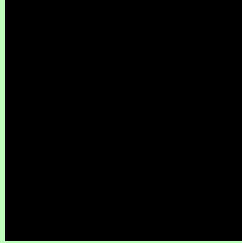
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

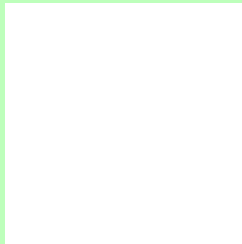
Any Text WCAG AAA ✓ Pass

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

RGB 189, 255, 187 Background



This preview shows how black text looks on a background with the RGB color 189, 255, 187.

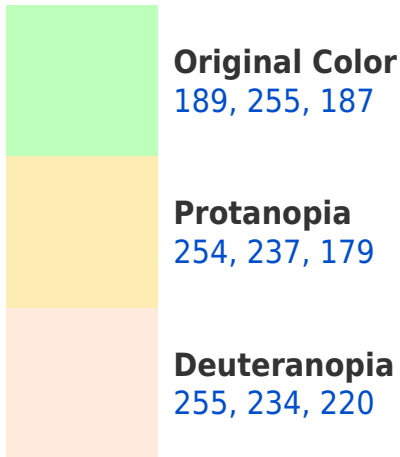


This preview shows how white text looks on a background with the RGB color 189, 255, 187.

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





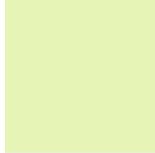
Tritanopia
216, 242, 255

Trichromacy



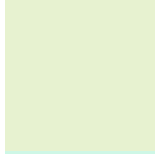
Original Color

189, 255, 187



Protanomaly

230, 244, 182



Deuteranomaly

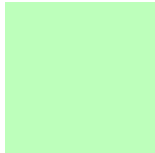
231, 242, 208



Tritanomaly

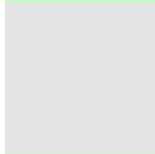
206, 247, 230

Monochromacy



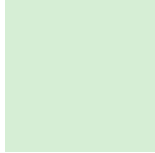
Original Color

189, 255, 187



Achromatopsia

228, 228, 228



Achromatomaly

214, 238, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 255, 187 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(189, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 187)  
}
```

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(189, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 187) }
```

Border

The CSS property to change the border of an element to RGB 189, 255, 187 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(189, 255, 187) }
```

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

```
.border{ border-color:rgb(189, 255, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 189, 255, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 187) }
```

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

```
.background{ background-color: rgb(189,  
255, 187) }
```

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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