

Converting Colors

RGB(198, 255, 187)

Have a look what the booklet for
RGB(198, 255, 187) contains.

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Color

RGB(198, 255, 187)

Conversions

Conversions Part 1

Format	Color
Hex	C6FFBB
RGB	198, 255, 187
RGB Percent	78%, 100%, 73%
CMY	0.2235, 0.0000, 0.2667
CMYK	0.22, 0.00, 0.27, 0.00
HSL	110°, 100%, 87%
HSV	110°, 27%, 100%
XYZ	68.0183, 87.1136, 60.2434
YIQ	230.2050, -12.1440, -33.2320

Conversions

Conversions Part 2

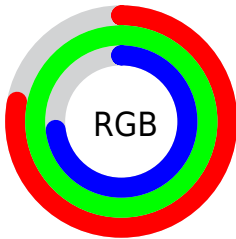
Format	Color
RYB	187, 255, 244
Decimal	13041595
CIELab	94.79, -30.30, 26.82
CIELCh	95, 40.463, 138.481
Yxy	87.1136, 0.3158, 0.4045
Android (android.graphics.Color)	4291231675 (0xFFC6FFBB)
YUV	230.2050, -21.3001, -28.2438
Hunter-Lab	93.3347, -33.2525, 27.0652

Details

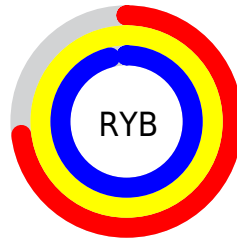
The RGB color **198, 255, 187** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **244, 187, 255**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 243**, and **143, 198, 133** is the 20% darker color. If you saturate the color by 10%, you get **177, 255, 162**, and if you desaturate by 10%, it is **219, 255, 212**.

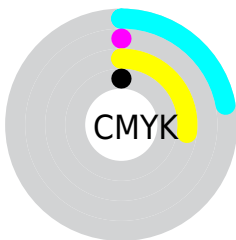
Distribution



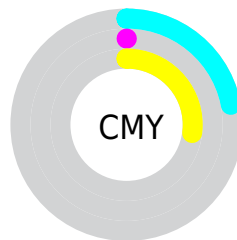
- Red (78%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 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 198, 255, 187 by changing the saturation by 10% instead.

 198, 255, 187

255, 255, 255

 255, 255, 243

 198, 255, 187

 170, 226, 160


 143, 198, 133


 116, 171, 108


 91, 144, 83

 65, 118, 59

 40, 93, 36

 11, 69, 14

 0, 46, 0

 0, 25, 0

■ 198, 255, 187

■ 198, 255, 187

■ 177, 255, 162

■ 219, 255, 212

■ 155, 255, 136

■ 241, 255, 238

■ 134, 255, 110

255, 255, 255

■ 113, 255, 85

■ 91, 255, 59

■ 70, 255, 34

■ 48, 255, 8

■ 41, 255, 0

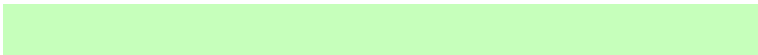
Harmonies

Analogous

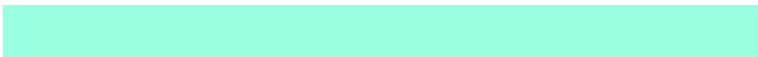
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 245, 165



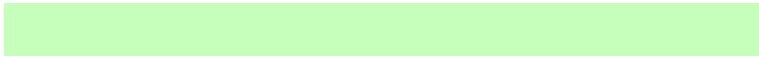
198, 255, 187



152, 255, 223

Triad

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



198, 255, 187



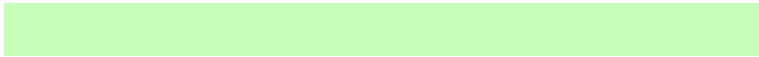
165, 248, 255



255, 211, 217

Complementary

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



198, 255, 187



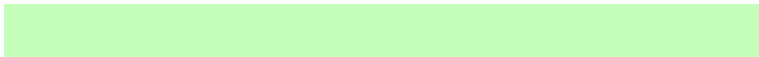
244, 187, 255

Split Complementary

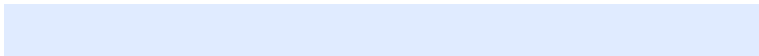
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 212, 255



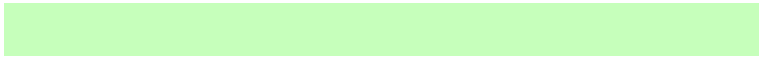
198, 255, 187



224, 235, 255

Square

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



198, 255, 187



118, 255, 255



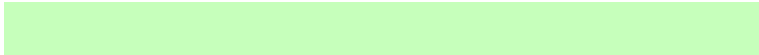
255, 222, 255



255, 220, 183

Rectangle

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



198, 255, 187



125, 255, 250



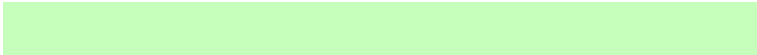
255, 222, 255



255, 211, 230

Sweetspot

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



198, 255, 187



238, 255, 235



255, 244, 187



117, 128, 115



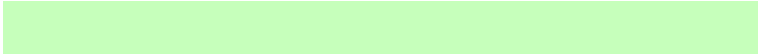
0, 0, 0



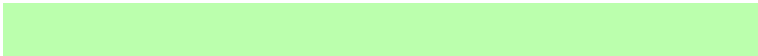
128, 128, 128

Same Dimension

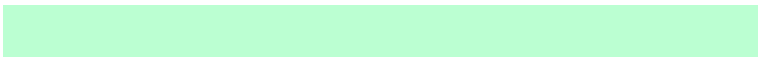
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 255, 187



187, 255, 173



187, 255, 210



117, 128, 115



31, 191, 0



10, 64, 0

Inverse Universe

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



244, 187, 255



242, 173, 255



255, 187, 232



125, 115, 128



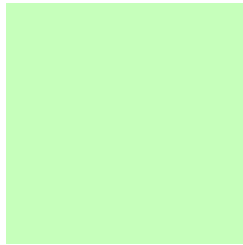
160, 0, 191



53, 0, 64

Previews

White Background



This preview shows how the RGB color 198, 255, 187 looks on a white background.

Color Contrast Check

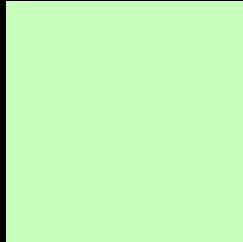
Large Text (above 18pt) WCAG AA × Fail

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 198, 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 198, 255, 187 Background



This preview shows how black text looks on a background with the RGB color 198, 255, 187.

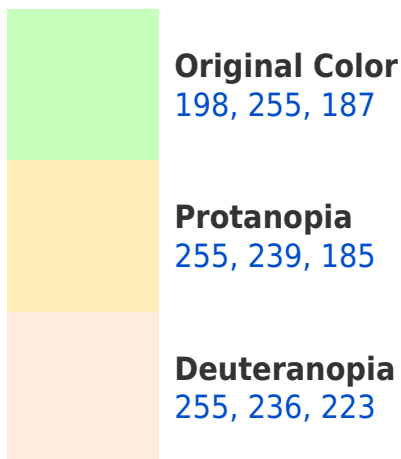


This preview shows how white text looks on a background with the RGB color 198, 255, 187.

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



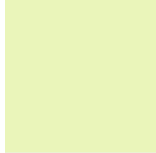


Tritanopia
223, 243, 255

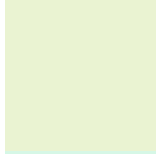
Trichromacy



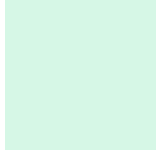
Original Color
198, 255, 187



Protanomaly
234, 245, 186

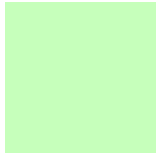


Deuteranomaly
234, 243, 210

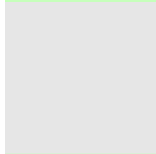


Tritanomaly
214, 247, 230

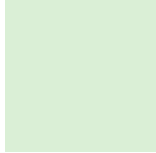
Monochromacy



Original Color
198, 255, 187



Achromatopsia
230, 230, 230



Achromatomaly
218, 239, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 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(198, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 187) }
```

Border

The CSS property to change the border of an element to RGB 198, 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(198, 255, 187) }
```

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

```
.border{ border-color:rgb(198, 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(198, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 198, 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(198, 255, 187) }
```

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

```
.background{ background-color: rgb(198,  
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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