

Converting Colors

RGB(195, 255, 187)

Have a look what the booklet for
RGB(195, 255, 187) contains.

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Color

RGB(195, 255, 187)

Conversions

Conversions Part 1

Format	Color
Hex	C3FFBB
RGB	195, 255, 187
RGB Percent	76%, 100%, 73%
CMY	0.2353, 0.0000, 0.2667
CMYK	0.24, 0.00, 0.27, 0.00
HSL	113°, 100%, 87%
HSV	113°, 27%, 100%
XYZ	67.2353, 86.7100, 60.2067
YIQ	229.3080, -13.9320, -33.8680

Conversions

Conversions Part 2

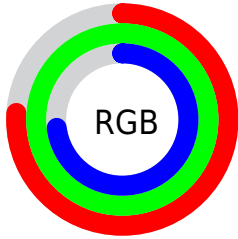
Format	Color
RYB	187, 255, 247
Decimal	12844987
CIELab	94.62, -31.28, 26.56
CIELCh	95, 41.035, 139.666
Yxy	86.7100, 0.3140, 0.4049
Android (android.graphics.Color)	4291035067 (0xFFC3FFBB)
YUV	229.3080, -20.8578, -30.0881
Hunter-Lab	93.1182, -34.0722, 26.8480

Details

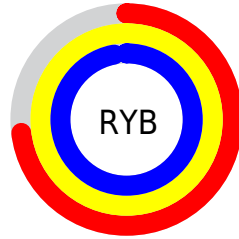
The RGB color **195, 255, 187** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **247, 187, 255**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **252, 255, 243**, and **140, 198, 133** is the 20% darker color. If you saturate the color by 10%, you get **173, 255, 162**, and if you desaturate by 10%, it is **218, 255, 212**.

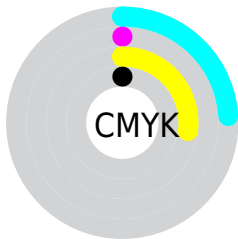
Distribution



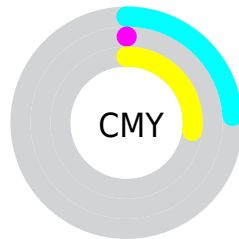
- Red (76%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (97%)



- Cyan (24%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 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 195, 255, 187 by changing the saturation by 10% instead.

 195, 255, 187

255, 255, 255

 252, 255, 243

 195, 255, 187

 167, 226, 160

 140, 198, 133


 113, 171, 108


 88, 144, 83

 62, 118, 59

 36, 93, 36

 6, 69, 14

 0, 46, 0

 0, 25, 0

■ 195, 255, 187

■ 195, 255, 187

■ 173, 255, 162

■ 218, 255, 212

■ 150, 255, 136

■ 240, 255, 238

■ 127, 255, 110

255, 255, 255

■ 105, 255, 85

■ 82, 255, 59

■ 60, 255, 34

■ 38, 255, 8

■ 30, 255, 0

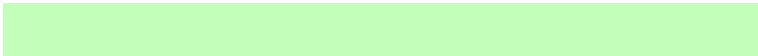
Harmonies

Analogous

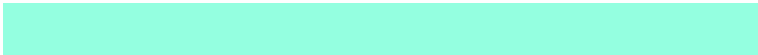
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 245, 164



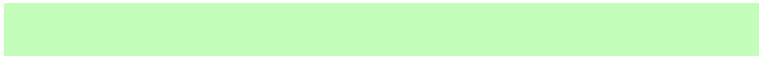
195, 255, 187



148, 255, 224

Triad

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



195, 255, 187



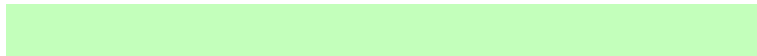
165, 247, 255



255, 211, 215

Complementary

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



195, 255, 187



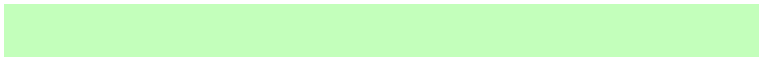
247, 187, 255

Split Complementary

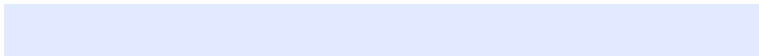
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 211, 255



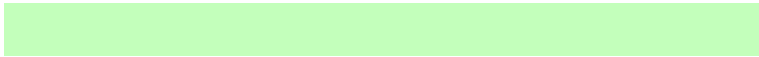
195, 255, 187



226, 234, 255

Square

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



195, 255, 187



116, 255, 255



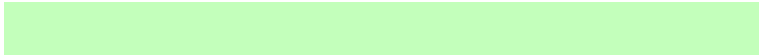
255, 220, 255



255, 219, 181

Rectangle

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



195, 255, 187



121, 255, 251



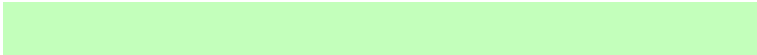
255, 220, 255



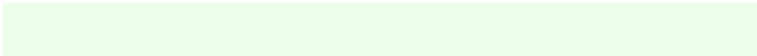
255, 210, 228

Sweetspot

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



195, 255, 187



237, 255, 235



255, 246, 187



116, 128, 115



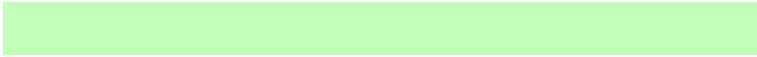
0, 0, 0



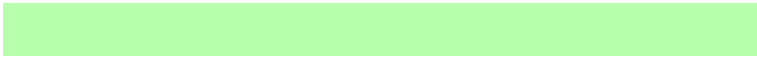
128, 128, 128

Same Dimension

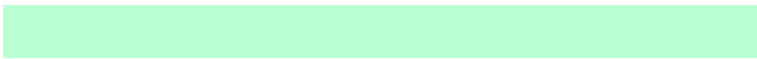
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 255, 187



183, 255, 173



187, 255, 212



116, 128, 115



23, 191, 0



8, 64, 0

Inverse Universe

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



247, 187, 255



245, 173, 255



255, 187, 230



126, 115, 128



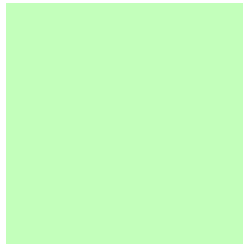
169, 0, 191



56, 0, 64

Previews

White Background



This preview shows how the RGB color 195, 255, 187 looks on a white background.

Color Contrast Check

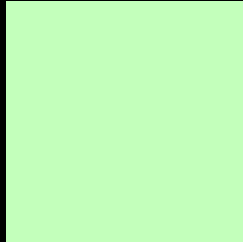
Large Text (above 18pt) WCAG AA × Fail

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 195, 255, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

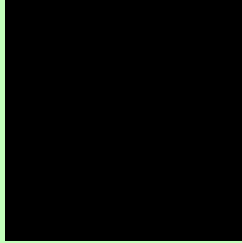
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

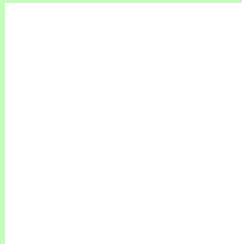
Any Text WCAG AAA ✓ Pass

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

RGB 195, 255, 187 Background



This preview shows how black text looks on a background with the RGB color 195, 255, 187.

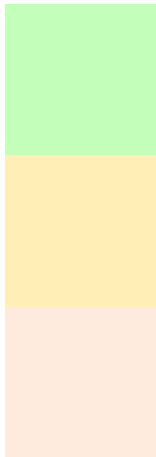


This preview shows how white text looks on a background with the RGB color 195, 255, 187.

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



Original Color
195, 255, 187

Protanopia
255, 238, 182

Deuteranopia
255, 235, 222



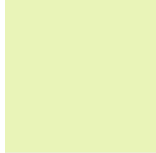
Tritanopia

220, 243, 255

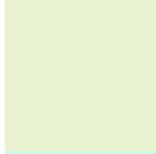
Trichromacy



Original Color
195, 255, 187



Protanomaly
233, 244, 184

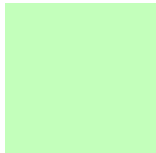


Deuteranomaly
233, 242, 209

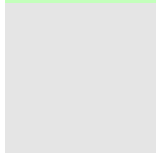


Tritanomaly
211, 247, 230

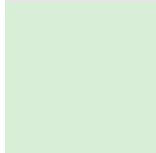
Monochromacy



Original Color
195, 255, 187



Achromatopsia
229, 229, 229



Achromatomaly
217, 238, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 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(195, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 187) }
```

Border

The CSS property to change the border of an element to RGB 195, 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(195, 255, 187) }
```

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

```
.border{ border-color:rgb(195, 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(195, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 195, 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(195, 255, 187) }
```

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

```
.background{ background-color: rgb(195,  
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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