

Converting Colors

RGB(191, 255, 186)

Have a look what the booklet for
RGB(191, 255, 186) contains.

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Color

RGB(191, 255, 186)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFBA
RGB	191, 255, 186
RGB Percent	75%, 100%, 73%
CMY	0.2510, 0.0000, 0.2706
CMYK	0.25, 0.00, 0.27, 0.00
HSL	116°, 100%, 86%
HSV	116°, 27%, 100%
XYZ	66.1088, 86.1415, 59.5971
YIQ	227.9980, -15.9950, -35.0270

Conversions

Conversions Part 2

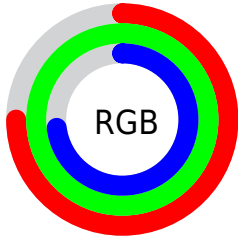
Format	Color
RYB	186, 255, 250
Decimal	12582842
CIELab	94.37, -32.74, 26.70
CIELCh	94, 42.244, 140.803
Yxy	86.1415, 0.3121, 0.4066
Android (android.graphics.Color)	4290772922 (0xFFBFFFBA)
YUV	227.9980, -20.7050, -32.4472
Hunter-Lab	92.8125, -35.2792, 26.8972

Details

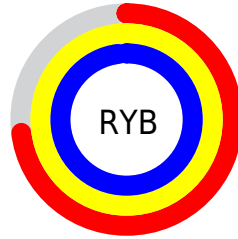
The RGB color **191, 255, 186** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **250, 186, 255**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **248, 255, 242**, and **136, 198, 132** is the 20% darker color. If you saturate the color by 10%, you get **167, 255, 161**, and if you desaturate by 10%, it is **215, 255, 211**.

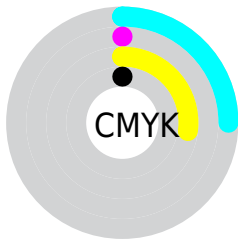
Distribution



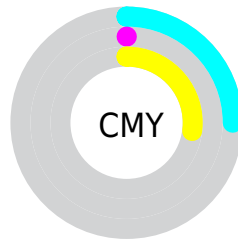
- Red (75%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (98%)



- Cyan (25%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 255, 186 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, 255, 186 by changing the saturation by 10% instead.

 191, 255, 186

255, 255, 255

 248, 255, 242

 191, 255, 186


 163, 226, 159

 136, 198, 132

 109, 170, 107

 83, 144, 82

 58, 118, 58

 31, 93, 36

 0, 69, 13

 0, 45, 0

 0, 24, 0

 191, 255, 186

 191, 255, 186

 167, 255, 161

 215, 255, 211

 144, 255, 135

 238, 255, 237

 120, 255, 109

255, 255, 255

 96, 255, 84

 73, 255, 58

 49, 255, 33

 25, 255, 8

 18, 255, 0

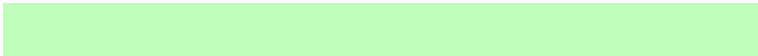
Harmonies

Analogous

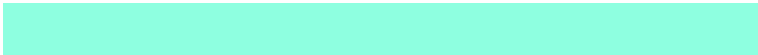
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 245, 162



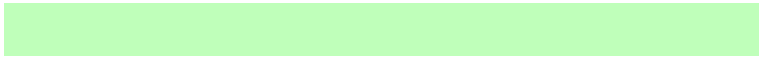
191, 255, 186



142, 255, 224

Triad

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



191, 255, 186



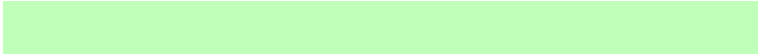
164, 247, 255



255, 209, 212

Complementary

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



191, 255, 186



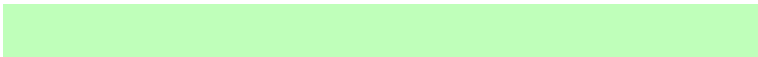
250, 186, 255

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, 253



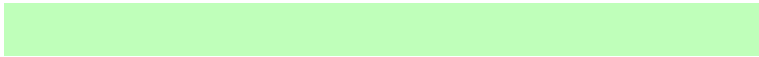
191, 255, 186



227, 233, 255

Square

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



191, 255, 186



109, 255, 255



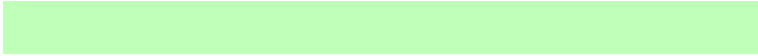
255, 219, 255



255, 218, 177

Rectangle

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



191, 255, 186



113, 255, 253



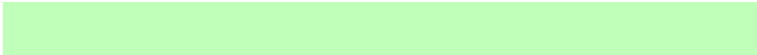
255, 219, 255



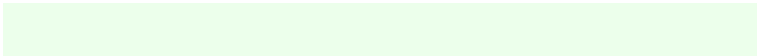
255, 208, 225

Sweetspot

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



191, 255, 186



236, 255, 235



255, 249, 186



116, 128, 115



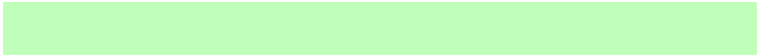
0, 0, 0



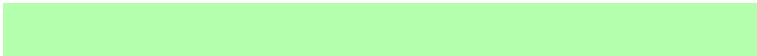
128, 128, 128

Same Dimension

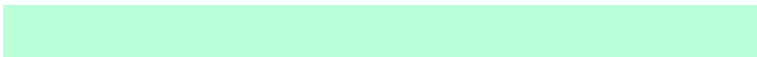
The Same Dimension uses a secret algorithm to generate beautiful new colors.



191, 255, 186



179, 255, 173



186, 255, 215



116, 128, 115



14, 191, 0



5, 64, 0

Inverse Universe

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



250, 186, 255



249, 173, 255



255, 186, 226



127, 115, 128



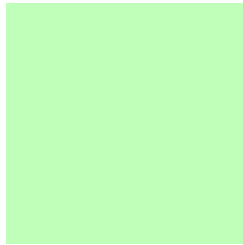
177, 0, 191



59, 0, 64

Previews

White Background



This preview shows how the RGB color 191, 255, 186 looks on a white background.

Color Contrast Check

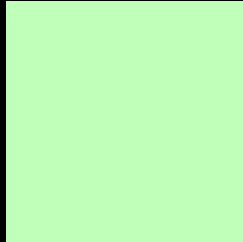
Large Text (above 18pt) WCAG AA × Fail

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, 255, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

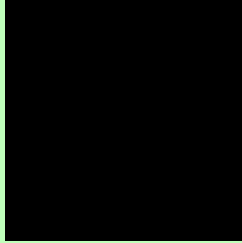
Any Text WCAG AA ✓ Pass

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, 255, 186 Background



This preview shows how black text looks on a background with the RGB color 191, 255, 186.

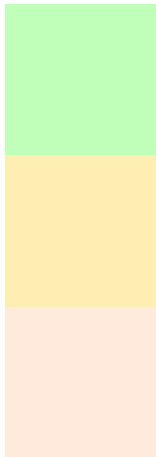


This preview shows how white text looks on a background with the RGB color 191, 255, 186.

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
191, 255, 186

Protanopia
255, 238, 178

Deuteranopia
255, 234, 220



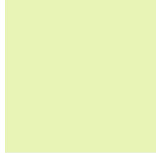
Tritanopia
218, 242, 255

Trichromacy



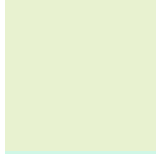
Original Color

191, 255, 186



Protanomaly

232, 244, 181



Deuteranomaly

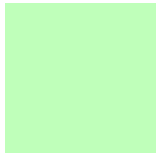
232, 242, 208



Tritanomaly

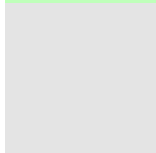
208, 247, 230

Monochromacy



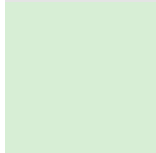
Original Color

191, 255, 186



Achromatopsia

228, 228, 228



Achromatomaly

215, 238, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 255, 186 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, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 186)  
}
```

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, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 186) }
```

Border

The CSS property to change the border of an element to RGB 191, 255, 186 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, 255, 186) }
```

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

```
.border{ border-color:rgb(191, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 255, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 255, 186); box-shadow:4px 4px 4px 4px rgb(191, 255, 186) }
```

Background

The CSS property to change the background color of an element to RGB 191, 255, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 186) }
```

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

```
.background{ background-color: rgb(191,  
255, 186) }
```

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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