

Converting Colors

RGB(217, 255, 186)

Have a look what the booklet for
RGB(217, 255, 186) contains.

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Color

RGB(217, 255, 186)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9FFBA |
| RGB | 217, 255, 186 |
| RGB Percent | 85%, 100%, 73% |
| CMY | 0.1490, 0.0000, 0.2706 |
| CMYK | 0.15, 0.00, 0.27, 0.00 |
| HSL | 93°, 100%, 86% |
| HSV | 93°, 27%, 100% |
| XYZ | 73.2382, 89.8169, 59.9307 |
| YIQ | 235.7720, -0.4990, -29.5150 |

Conversions

Conversions Part 2

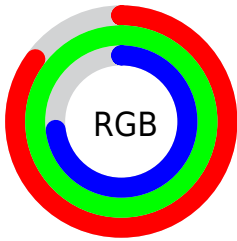
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 186, 255, 224 |
| Decimal | 14286778 |
| CIELab | 95.92, -24.03, 29.06 |
| CIELCh | 96, 37.707, 129.581 |
| Yxy | 89.8169, 0.3284, 0.4028 |
| Android (android.graphics.Color) | 4292476858 (0xFFD9FFBA) |
| YUV | 235.7720, -24.5376, -16.4630 |
| Hunter-Lab | 94.7718, -27.9085, 28.8471 |

Details

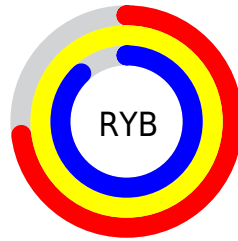
The RGB color **217, 255, 186** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **224, 186, 255**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 242**, and **161, 198, 132** is the 20% darker color. If you saturate the color by 10%, you get **203, 255, 161**, and if you desaturate by 10%, it is **231, 255, 211**.

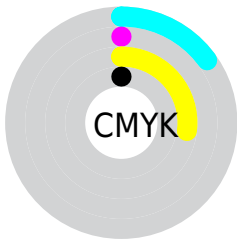
Distribution



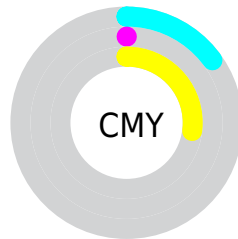
- Red (85%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (88%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 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 217, 255, 186 by changing the saturation by 10% instead.


 217, 255, 186

255, 255, 255


 255, 255, 242

 217, 255, 186

 189, 226, 159

 161, 198, 132

 135, 171, 107

 109, 144, 82

 83, 118, 58

 59, 94, 35

 35, 70, 12

 13, 47, 0

 0, 28, 0

■ 217, 255, 186

■ 217, 255, 186

■ 203, 255, 161

■ 231, 255, 211

■ 189, 255, 135

■ 245, 255, 237

■ 175, 255, 109

255, 255, 255

■ 161, 255, 84

■ 147, 255, 58

■ 133, 255, 33

■ 119, 255, 8

■ 115, 255, 0

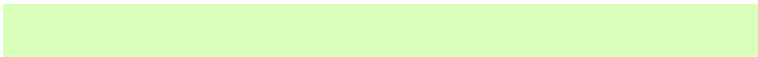
Harmonies

Analogous

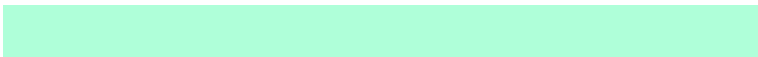
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 245, 171



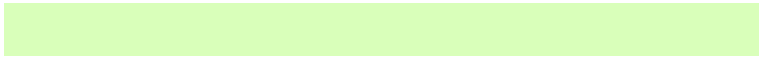
217, 255, 186



175, 255, 217

Triad

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



217, 255, 186



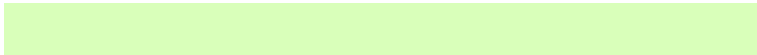
161, 254, 255



255, 216, 233

Complementary

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



217, 255, 186



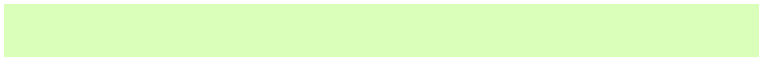
224, 186, 255

Split Complementary

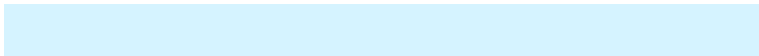
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 219, 255



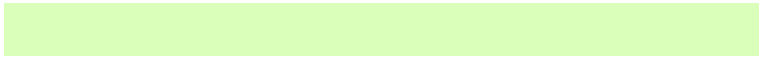
217, 255, 186



213, 243, 255

Square

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



217, 255, 186



130, 255, 255



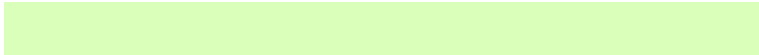
255, 230, 255



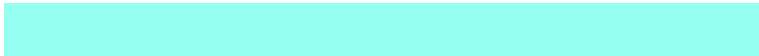
255, 221, 198

Rectangle

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



217, 255, 186



149, 255, 241



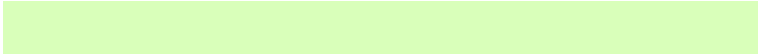
255, 230, 255



255, 216, 245

Sweetspot

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



217, 255, 186



244, 255, 235



255, 224, 186



120, 128, 115



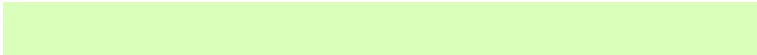
0, 0, 0



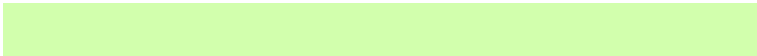
128, 128, 128

Same Dimension

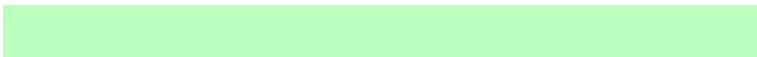
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 255, 186



210, 255, 173



186, 255, 189



120, 128, 115



86, 191, 0



29, 64, 0

Inverse Universe

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



224, 186, 255



218, 173, 255



255, 186, 252



122, 115, 128



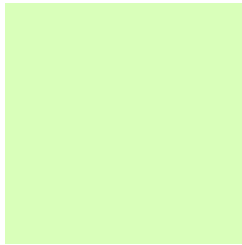
105, 0, 191



35, 0, 64

Previews

White Background



This preview shows how the RGB color 217, 255, 186 looks on a white background.

Color Contrast Check

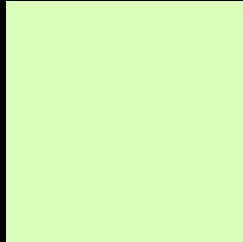
Large Text (above 18pt) WCAG AA × Fail

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 217, 255, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

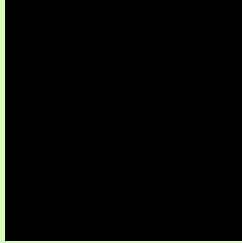
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

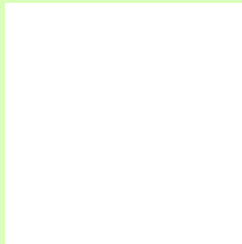
Any Text WCAG AAA ✓ Pass

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

RGB 217, 255, 186 Background



This preview shows how black text looks on a background with the RGB color 217, 255, 186.



This preview shows how white text looks on a background with the RGB color 217, 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

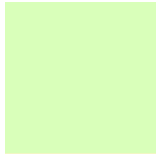




Tritanopia

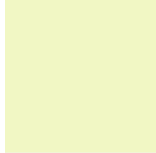
235, 244, 255

Trichromacy



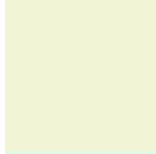
Original Color

217, 255, 186



Protanomaly

241, 247, 196



Deuteranomaly

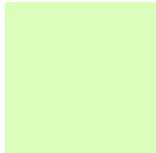
241, 245, 214



Tritanomaly

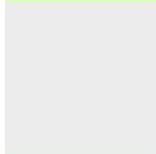
228, 248, 230

Monochromacy



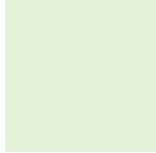
Original Color

217, 255, 186



Achromatopsia

236, 236, 236



Achromatomaly

229, 243, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 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(217, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 186) }
```

Border

The CSS property to change the border of an element to RGB 217, 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(217, 255, 186) }
```

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

```
.border{ border-color:rgb(217, 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(217, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 217, 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(217, 255, 186) }
```

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

```
.background{ background-color: rgb(217,  
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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