

Converting Colors

RGB(213, 255, 183)

Have a look what the booklet for
RGB(213, 255, 183) contains.

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Color

RGB(213, 255, 183)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFB7
RGB	213, 255, 183
RGB Percent	84%, 100%, 72%
CMY	0.1647, 0.0000, 0.2824
CMYK	0.16, 0.00, 0.28, 0.00
HSL	95°, 100%, 86%
HSV	95°, 28%, 100%
XYZ	71.7478, 89.0850, 58.2134
YIQ	234.2340, -1.9200, -31.2960

Conversions

Conversions Part 2

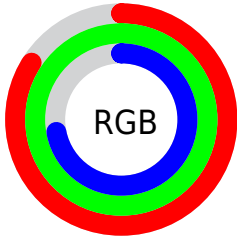
Format	Color
RYB	183, 255, 225
Decimal	14024631
CIELab	95.62, -25.84, 30.12
CIELCh	96, 39.684, 130.632
Yxy	89.0850, 0.3275, 0.4067
Android (android.graphics.Color)	4292214711 (0xFFD5FFB7)
YUV	234.2340, -25.2584, -18.6222
Hunter-Lab	94.3849, -29.4846, 29.5014

Details

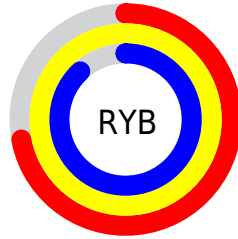
The RGB color **213, 255, 183** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **225, 183, 255**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 239**, and **157, 198, 129** is the 20% darker color. If you saturate the color by 10%, you get **198, 255, 158**, and if you desaturate by 10%, it is **228, 255, 209**.

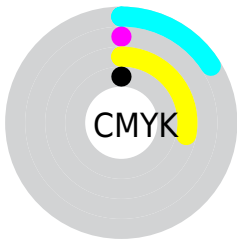
Distribution



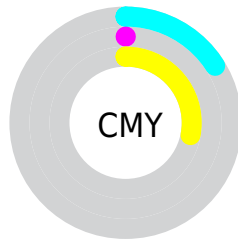
- Red (84%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 255, 183 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 213, 255, 183 by changing the saturation by 10% instead.


 213, 255, 183

255, 255, 255


 255, 255, 239


 213, 255, 183

 185, 226, 156

 157, 198, 129

 131, 171, 104

 105, 144, 79

 80, 118, 55

 55, 93, 32

 30, 69, 8

 7, 47, 0

 0, 28, 0

■ 213, 255, 183

■ 213, 255, 183

■ 198, 255, 158

■ 228, 255, 209

■ 183, 255, 132

■ 243, 255, 234

■ 168, 255, 106

255, 255, 255

■ 153, 255, 81

■ 139, 255, 56

■ 124, 255, 30

■ 109, 255, 5

■ 106, 255, 0

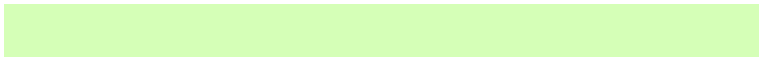
Harmonies

Analogous

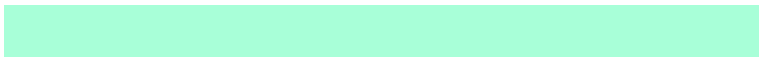
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 244, 166



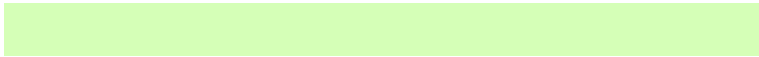
213, 255, 183



168, 255, 216

Triad

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



213, 255, 183



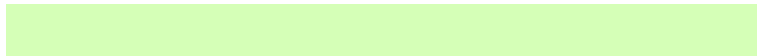
156, 253, 255



255, 214, 230

Complementary

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



213, 255, 183



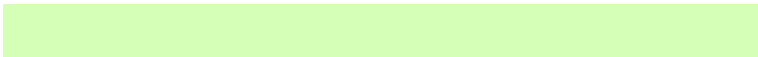
225, 183, 255

Split Complementary

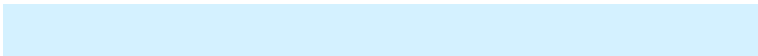
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 217, 255



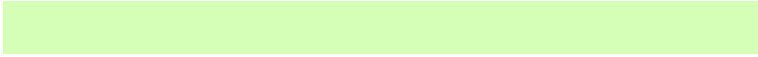
213, 255, 183



212, 241, 255

Square

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



213, 255, 183



119, 255, 255



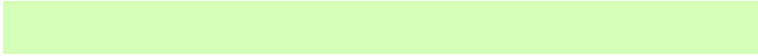
255, 228, 255



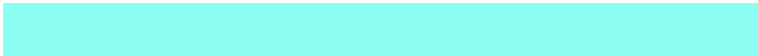
255, 220, 194

Rectangle

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



213, 255, 183



140, 255, 242



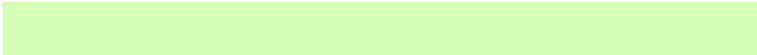
255, 228, 255



255, 214, 243

Sweetspot

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



213, 255, 183



243, 255, 235



255, 225, 183



120, 128, 115



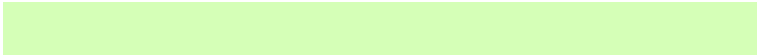
0, 0, 0



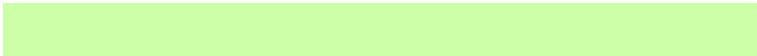
128, 128, 128

Same Dimension

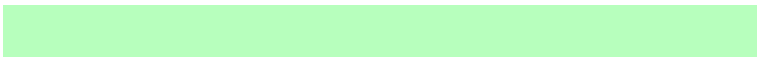
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213, 255, 183



204, 255, 168



183, 255, 189



120, 128, 115



80, 191, 0



27, 64, 0

Inverse Universe

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



225, 183, 255



219, 168, 255



255, 183, 249



122, 115, 128



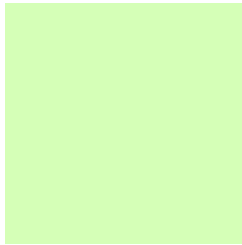
112, 0, 191



37, 0, 64

Previews

White Background



This preview shows how the RGB color 213, 255, 183 looks on a white background.

Color Contrast Check

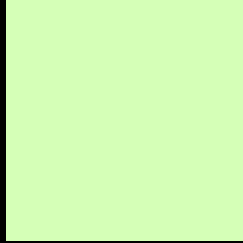
Large Text (above 18pt) WCAG AA × Fail

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 213, 255, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

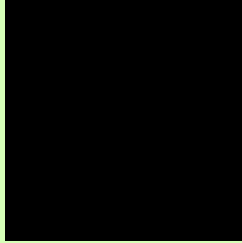
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

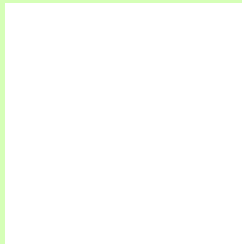
Any Text WCAG AAA ✓ Pass

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

RGB 213, 255, 183 Background



This preview shows how black text looks on a background with the RGB color 213, 255, 183.

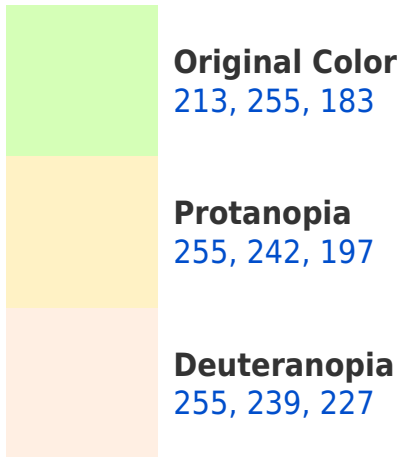


This preview shows how white text looks on a background with the RGB color 213, 255, 183.

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

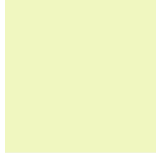
232, 243, 255

Trichromacy



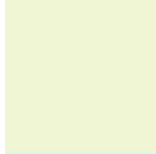
Original Color

213, 255, 183



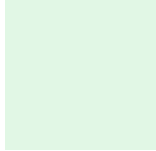
Protanomaly

240, 247, 192



Deuteranomaly

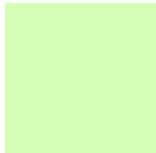
240, 245, 211



Tritanomaly

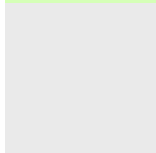
225, 247, 229

Monochromacy



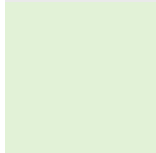
Original Color

213, 255, 183



Achromatopsia

234, 234, 234



Achromatomaly

226, 242, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 255, 183 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(213, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 183)  
}
```

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(213, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 183) }
```

Border

The CSS property to change the border of an element to RGB 213, 255, 183 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(213, 255, 183) }
```

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

```
.border{ border-color:rgb(213, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 255, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 255, 183); box-shadow:4px 4px 4px 4px rgb(213, 255, 183) }
```

Background

The CSS property to change the background color of an element to RGB 213, 255, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 183) }
```

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

```
.background{ background-color: rgb(213,  
255, 183) }
```

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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