

Converting Colors

RGB(213, 245, 204)

Have a look what the booklet for
RGB(213, 245, 204) contains.

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Color

RGB(213, 245, 204)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D5F5CC |
| RGB | 213, 245, 204 |
| RGB Percent | 84%, 96%, 80% |
| CMY | 0.1647, 0.0392, 0.2000 |
| CMYK | 0.13, 0.00, 0.17, 0.04 |
| HSL | 107°, 67%, 88% |
| HSV | 107°, 17%, 96% |
| XYZ | 70.9921, 83.8106, 69.5621 |
| YIQ | 230.7580, -5.9110, -19.5350 |

Conversions

Conversions Part 2

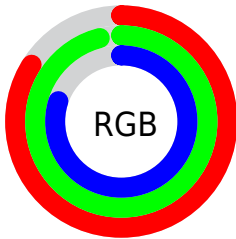
| Format | Color |
|-------------------------------------|--|
| RYB | 204, 245, 236 |
| Decimal | 14022092 |
| CIELab | 93.37, -17.76, 16.31 |
| CIELCh | 93, 24.113, 137.429 |
| Yxy | 83.8106, 0.3164, 0.3735 |
| Android (android.graphics.Color) | 4292212172 (0xFFD5F5CC) |
| YUV | 230.7580, -13.1917, -15.5738 |
| Hunter-Lab | 91.5481, -21.7893, 19.0326 |

Details

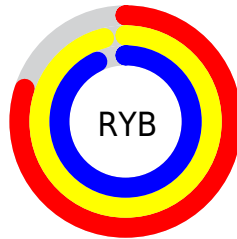
The RGB color **213, 245, 204** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **236, 204, 245**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 189, 150** is the 20% darker color. If you saturate the color by 10%, you get **194, 245, 180**, and if you desaturate by 10%, it is **232, 245, 229**.

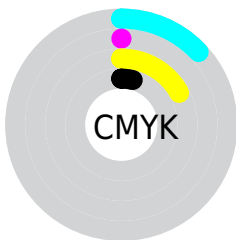
Distribution



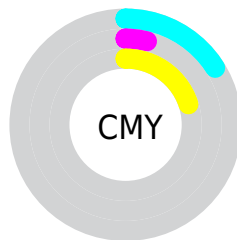
- Red (84%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 245, 204 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, 245, 204 by changing the saturation by 10% instead.

■ 213, 245, 204

255, 255, 255

■ 213, 245, 204

■ 185, 217, 177

■ 158, 189, 150

■ 132, 162, 124

■ 106, 135, 99

■ 82, 110, 75

■ 58, 85, 52

■ 35, 62, 30

■ 14, 40, 7

■ 0, 20, 0

 213, 245, 204

 213, 245, 204

 194, 245, 180

 232, 245, 229

 175, 245, 155

 251, 245, 253

 156, 245, 131


 255, 245, 255


 137, 245, 106

 117, 245, 82

 98, 245, 57

 79, 245, 32

 60, 245, 8

 54, 245, 0

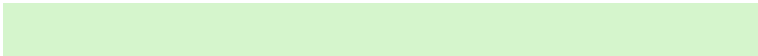
Harmonies

Analogous

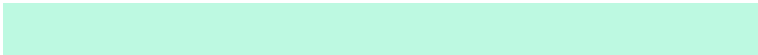
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 239, 192



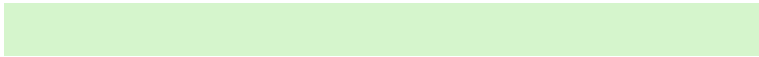
213, 245, 204



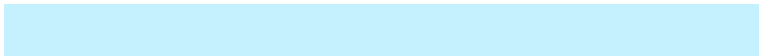
189, 249, 225

Triad

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



213, 245, 204



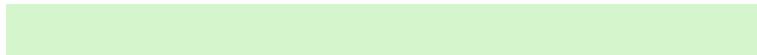
197, 241, 255



255, 220, 223

Complementary

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



213, 245, 204



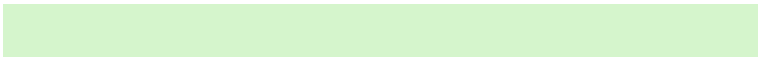
236, 204, 245

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, 221, 247



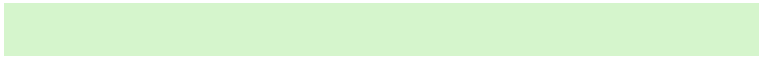
213, 245, 204



227, 233, 255

Square

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



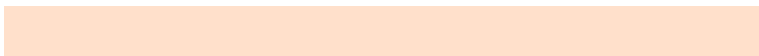
213, 245, 204



177, 247, 255



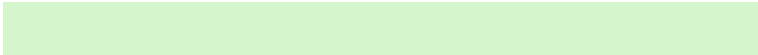
255, 226, 255



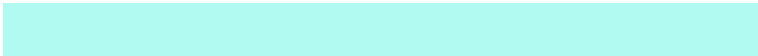
255, 224, 203

Rectangle

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



213, 245, 204



177, 250, 241



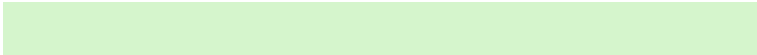
255, 226, 255



255, 220, 231

Sweetspot

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



213, 245, 204



245, 255, 242



245, 235, 204



122, 128, 120



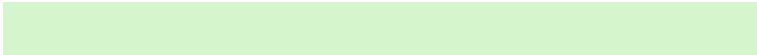
0, 0, 0



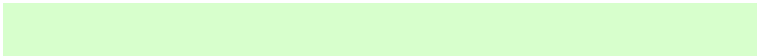
128, 128, 128

Same Dimension

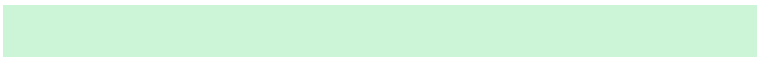
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213, 245, 204



215, 255, 204



204, 245, 215



113, 122, 110



41, 186, 0



13, 59, 0

Inverse Universe

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



236, 204, 245



244, 204, 255



245, 204, 234



120, 110, 122



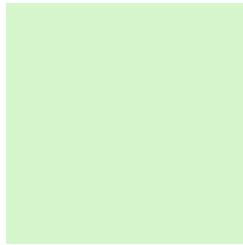
145, 0, 186



46, 0, 59

Previews

White Background



This preview shows how the RGB color 213, 245, 204 looks on a white background.

Color Contrast Check

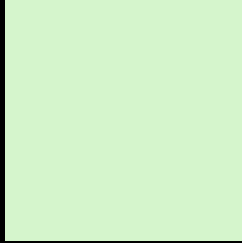
Large Text (above 18pt) WCAG AA × Fail

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, 245, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

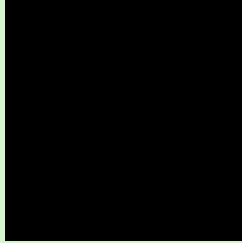
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

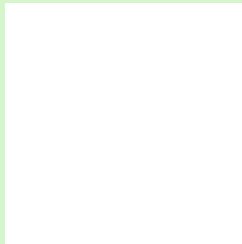
Any Text WCAG AAA ✓ Pass

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

RGB 213, 245, 204 Background



This preview shows how black text looks on a background with the RGB color 213, 245, 204.

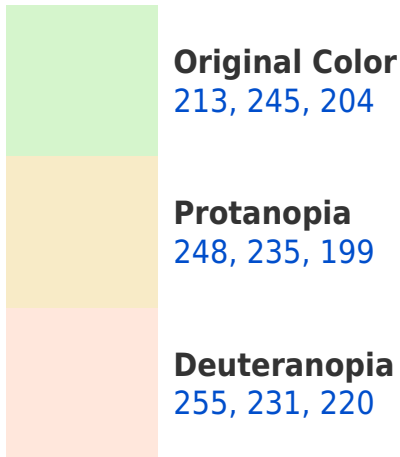


This preview shows how white text looks on a background with the RGB color 213, 245, 204.

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

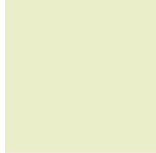
223, 238, 255

Trichromacy



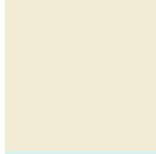
Original Color

213, 245, 204



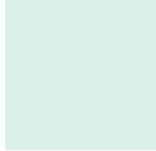
Protanomaly

235, 239, 201



Deuteranomaly

240, 236, 214



Tritanomaly

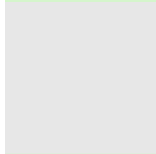
219, 241, 236

Monochromacy



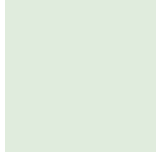
Original Color

213, 245, 204



Achromatopsia

231, 231, 231



Achromatomaly

224, 236, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 245, 204 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, 245, 204)` looks like.

```
.text, #text, p{  
    color:rgb(213, 245, 204)  
}
```

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, 245, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 245, 204) }
```

Border

The CSS property to change the border of an element to RGB 213, 245, 204 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, 245, 204) }
```

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

```
.border{ border-color:rgb(213, 245, 204) }
```

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

Here you see how a box with a 4 pixel rgb(213, 245, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 245, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 245, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 245,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 213, 245, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 245, 204) }
```

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

```
.background{ background-color: rgb(213,  
245, 204) }
```

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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