

Converting Colors

RGB(213, 246, 210)

Have a look what the booklet for
RGB(213, 246, 210) contains.

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Color

RGB(213, 246, 210)

Conversions

Conversions Part 1

Format	Color
Hex	D5F6D2
RGB	213, 246, 210
RGB Percent	84%, 96%, 82%
CMY	0.1647, 0.0353, 0.1765
CMYK	0.13, 0.00, 0.15, 0.04
HSL	115°, 67%, 89%
HSV	115°, 15%, 96%
XYZ	72.0292, 84.7108, 73.5272
YIQ	232.0290, -8.1120, -18.1920

Conversions

Conversions Part 2

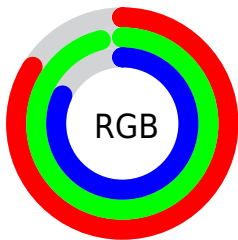
Format	Color
RYB	210, 246, 243
Decimal	14022354
CIELab	93.76, -17.24, 13.77
CIElCh	94, 22.067, 141.382
Yxy	84.7108, 0.3128, 0.3679
Android (android.graphics.Color)	4292212434 (0xFFD5F6D2)
YUV	232.0290, -10.8603, -16.6884
Hunter-Lab	92.0385, -21.3735, 17.0616

Details

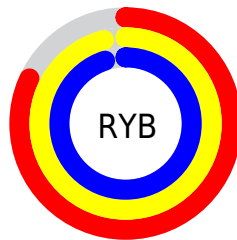
The RGB color **213, 246, 210** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **243, 210, 246**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 190, 155** is the 20% darker color. If you saturate the color by 10%, you get **190, 246, 185**, and if you desaturate by 10%, it is **236, 246, 235**.

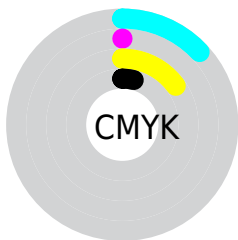
Distribution



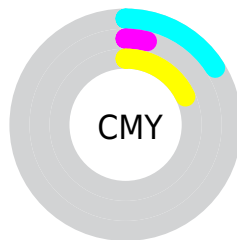
- Red (84%)
- Green (96%)
- Blue (82%)



- Red (82%)
- Yellow (96%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 246, 210 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, 246, 210 by changing the saturation by 10% instead.

■ 213, 246, 210

255, 255, 255

■ 213, 246, 210

■ 185, 217, 182

■ 158, 190, 155

■ 132, 163, 129

■ 106, 136, 104

■ 82, 111, 80

■ 58, 86, 57

■ 35, 63, 35

■ 14, 41, 14

■ 0, 22, 0

 213, 246, 210

 213, 246, 210

 190, 246, 185

 236, 246, 235

 168, 246, 161

 255, 246, 255

 145, 246, 136


 123, 246, 112

 100, 246, 87

 78, 246, 62

 55, 246, 38

 33, 246, 13

 21, 246, 0

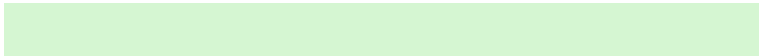
Harmonies

Analogous

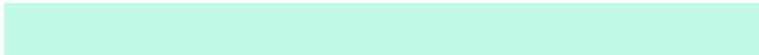
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 240, 197



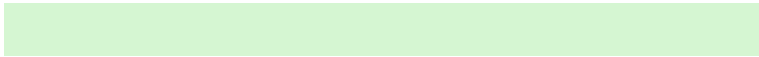
213, 246, 210



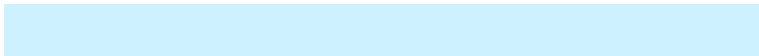
192, 249, 230

Triad

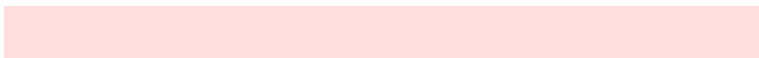
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213, 246, 210



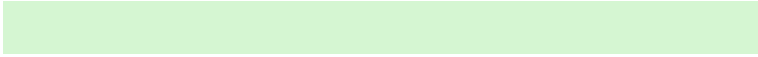
206, 241, 255



255, 223, 222

Complementary

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



213, 246, 210



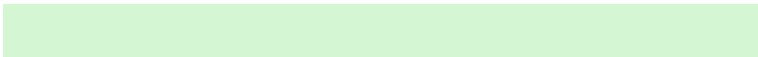
243, 210, 246

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, 223, 244



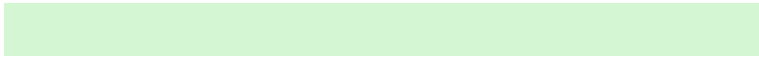
213, 246, 210



233, 234, 255

Square

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



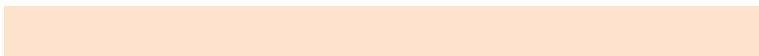
213, 246, 210



186, 246, 255



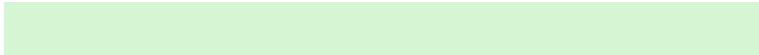
255, 227, 255



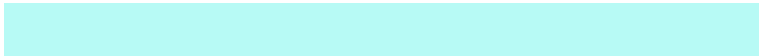
255, 227, 205

Rectangle

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



213, 246, 210



183, 250, 245



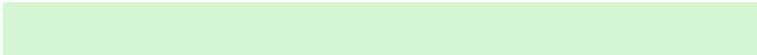
255, 227, 255



255, 222, 230

Sweetspot

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



213, 246, 210



246, 255, 245



246, 243, 210



122, 128, 121



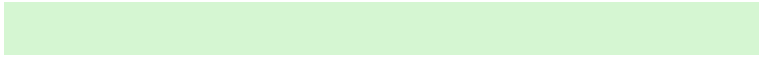
0, 0, 0



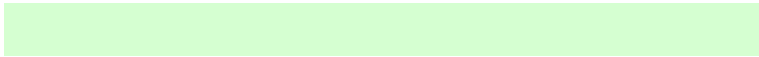
128, 128, 128

Same Dimension

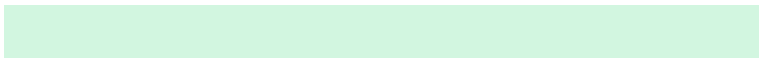
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213, 246, 210



213, 255, 209



210, 246, 224



111, 122, 110



16, 186, 0



5, 59, 0

Inverse Universe

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



243, 210, 246



251, 209, 255



246, 210, 231



121, 110, 122



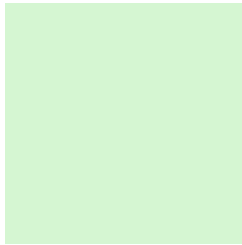
171, 0, 186



54, 0, 59

Previews

White Background



This preview shows how the RGB color 213, 246, 210 looks on a white background.

Color Contrast Check

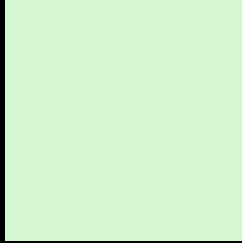
Large Text (above 18pt) WCAG AA × Fail

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, 246, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

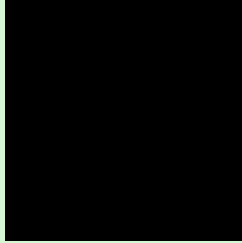
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

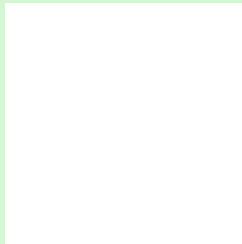
Any Text WCAG AAA ✓ Pass

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

RGB 213, 246, 210 Background



This preview shows how black text looks on a background with the RGB color 213, 246, 210.

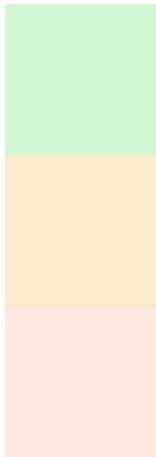


This preview shows how white text looks on a background with the RGB color 213, 246, 210.

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
213, 246, 210

Protanopia
248, 236, 205

Deuteranopia
255, 232, 224



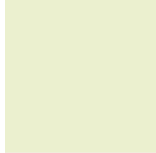
Tritanopia
223, 239, 255

Trichromacy



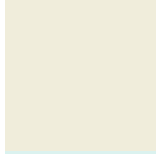
Original Color

213, 246, 210



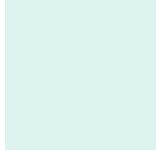
Protanomaly

235, 240, 207



Deuteranomaly

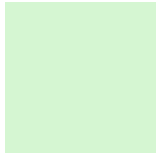
240, 237, 219



Tritanomaly

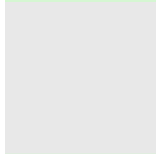
219, 242, 239

Monochromacy



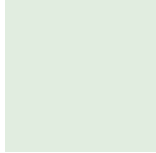
Original Color

213, 246, 210



Achromatopsia

232, 232, 232



Achromatomaly

225, 237, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 246, 210 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, 246, 210)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 210)  
}
```

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, 246, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 210) }
```

Border

The CSS property to change the border of an element to RGB 213, 246, 210 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, 246, 210) }
```

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

```
.border{ border-color:rgb(213, 246, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 246, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 210);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 213, 246, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 210) }
```

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

```
.background{ background-color: rgb(213,  
246, 210) }
```

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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