

# Converting Colors

RGB(213, 235, 205)

Have a look what the booklet for  
RGB(213, 235, 205) contains.

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# Color

**RGB(213, 235, 205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5EBCD
RGB	213, 235, 205
RGB Percent	84%, 92%, 80%
CMY	0.1647, 0.0784, 0.1961
CMYK	0.09, 0.00, 0.13, 0.08
HSL	104°, 43%, 86%
HSV	104°, 13%, 92%
XYZ	68.1683, 77.9706, 69.2146
YIQ	225.0020, -3.4820, -13.9940

# Conversions

## Conversions Part 2

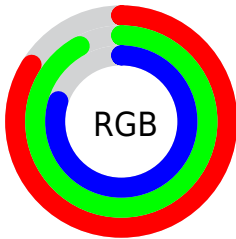
<b>Format</b>	<b>Color</b>
<b>RYB</b>	205, 235, 227
Decimal	14019533
CIELab	90.77, -12.64, 12.11
CIElCh	91, 17.508, 136.217
Yxy	77.9706, 0.3165, 0.3621
Android (android.graphics.Color)	4292209613 (0xFFD5EBCD)
YUV	225.0020, -9.8610, -10.5258
Hunter-Lab	88.3009, -16.7246, 15.3363

# Details

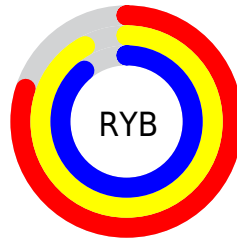
The RGB color **213, 235, 205** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **227, 205, 235**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 179, 151** is the 20% darker color. If you saturate the color by 10%, you get **196, 235, 182**, and if you desaturate by 10%, it is **230, 235, 229**.

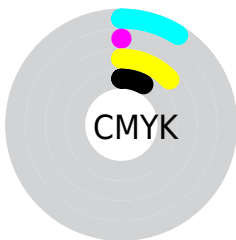
# Distribution



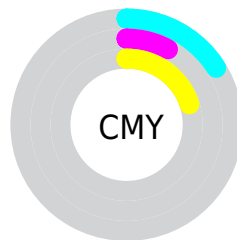
- Red (84%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 213, 235, 205 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, 235, 205 by changing the saturation by 10% instead.



■ 213, 235, 205

255, 255, 255

■ 213, 235, 205

■ 185, 207, 178

■ 158, 179, 151

■ 132, 152, 125

■ 107, 126, 100

■ 82, 101, 76

■ 59, 77, 53

■ 37, 55, 32

■ 17, 33, 9

■ 0, 5, 0

 213, 235, 205

 213, 235, 205

 196, 235, 182

 230, 235, 229

 179, 235, 158


 247, 235, 252

 161, 235, 135

 255, 235, 255


 144, 235, 111

 127, 235, 88

 110, 235, 64

 92, 235, 41

 75, 235, 17

 63, 235, 0

# Harmonies

## Analogous

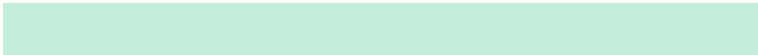
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 230, 196



213, 235, 205



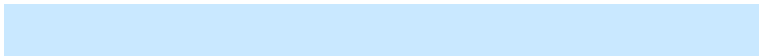
196, 238, 220

# Triad

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



213, 235, 205



201, 232, 255



255, 217, 220

# Complementary

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



213, 235, 205



227, 205, 235

# 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, 218, 237



213, 235, 205



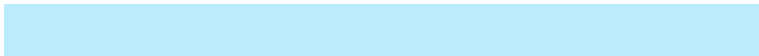
222, 227, 255

# Square

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



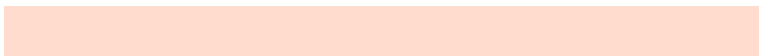
213, 235, 205



188, 236, 252



243, 221, 252



255, 220, 205

# Rectangle

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



213, 235, 205



188, 239, 232



243, 221, 252



255, 217, 226

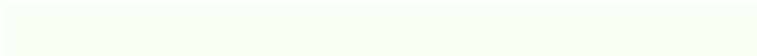


# Sweetspot

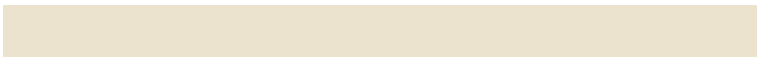
The Sweet Spot groups the original color and five complimentary colors.



213, 235, 205



248, 255, 245



235, 227, 205



123, 128, 121



0, 0, 0



128, 128, 128

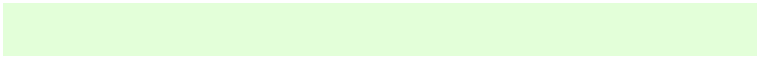


# Same Dimension

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



213, 235, 205



227, 255, 217



205, 235, 212



109, 117, 106



48, 181, 0



14, 54, 0



# Inverse Universe

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



227, 205, 235



245, 217, 255



235, 205, 228



114, 106, 117



133, 0, 181

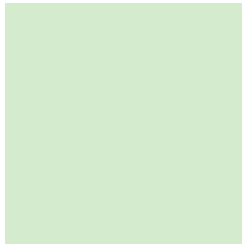


39, 0, 54



# Previews

## White Background



This preview shows how the RGB color 213, 235, 205 looks on a white background.

## Color Contrast Check

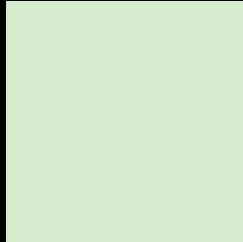
Large Text (above 18pt) WCAG AA × Fail

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, 235, 205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

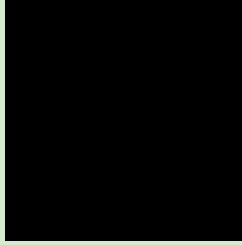
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

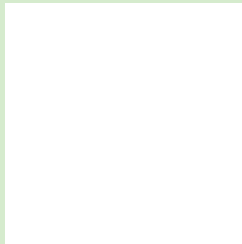
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 213, 235, 205 Background



This preview shows how black text looks on a background with the RGB color 213, 235, 205.

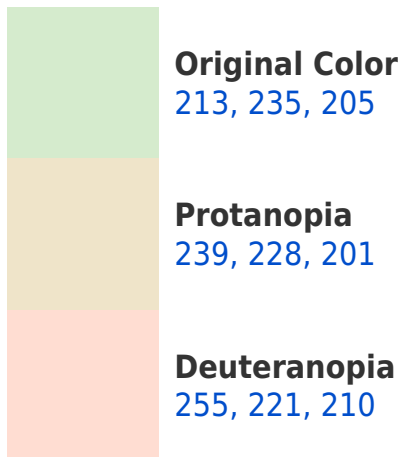


This preview shows how white text looks on a background with the RGB color 213, 235, 205.

# 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





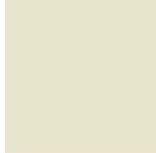
**Tritanopia**  
220, 229, 247

# Trichromacy



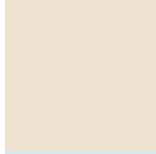
**Original Color**

213, 235, 205



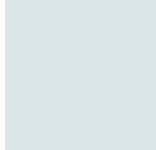
**Protanomaly**

230, 231, 202



**Deuteranomaly**

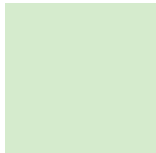
240, 226, 208



**Tritanomaly**

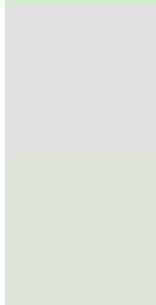
217, 231, 232

# Monochromacy



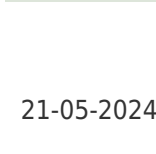
**Original Color**

213, 235, 205



**Achromatopsia**

225, 225, 225



**Achromatomaly**

221, 229, 218

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 213, 235, 205 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, 235, 205)` looks like.

```
.text, #text, p{  
    color:rgb(213, 235, 205)  
}
```

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, 235, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 235, 205) }
```

## Border

The CSS property to change the border of an element to RGB 213, 235, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

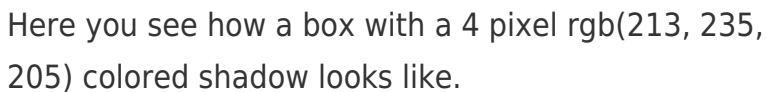
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 235, 205) }
```

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

```
.border{ border-color:rgb(213, 235, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 235, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 235, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 235, 205); box-shadow:4px 4px 4px 4px rgb(213, 235, 205) }
```

# Background

The CSS property to change the background color of an element to RGB 213, 235, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 235, 205) }
```

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

```
.background{ background-color: rgb(213,  
235, 205) }
```

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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