

Converting Colors

RGB(216, 247, 205)

Have a look what the booklet for
RGB(216, 247, 205) contains.

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Color

RGB(216, 247, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D8F7CD
RGB	216, 247, 205
RGB Percent	85%, 97%, 80%
CMY	0.1529, 0.0314, 0.1961
CMYK	0.13, 0.00, 0.17, 0.03
HSL	104°, 72%, 89%
HSV	104°, 17%, 97%
XYZ	72.5991, 85.5282, 70.4398
YIQ	232.9430, -4.9940, -19.6340

Conversions

Conversions Part 2

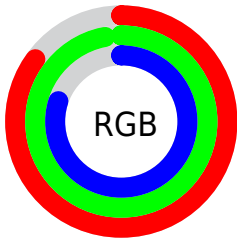
Format	Color
R_{YB}	205, 247, 236
Decimal	14219213
CIE _{Lab}	94.11, -17.56, 16.87
CIE _{LCh}	94, 24.350, 136.146
Yxy	85.5282, 0.3176, 0.3742
Android (android.graphics.Color)	4292409293 (0xFFD8F7CD)
YUV	232.9430, -13.7759, -14.8590
Hunter-Lab	92.4815, -21.7179, 19.5780

Details

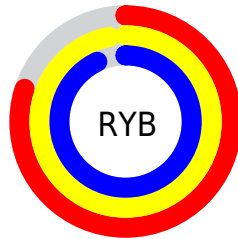
The RGB color **216, 247, 205** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **236, 205, 247**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 191, 151** is the 20% darker color. If you saturate the color by 10%, you get **198, 247, 180**, and if you desaturate by 10%, it is **234, 247, 230**.

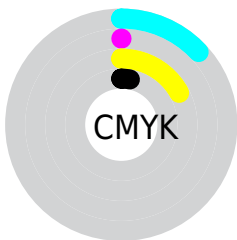
Distribution



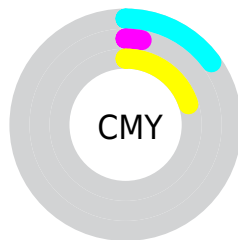
- Red (85%)
- Green (97%)
- Blue (80%)



- Red (80%)
- Yellow (97%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)



- Cyan (15%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 247, 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 216, 247, 205 by changing the saturation by 10% instead.

■ 216, 247, 205

255, 255, 255

■ 216, 247, 205

■ 188, 218, 177

■ 161, 191, 151

■ 134, 163, 125

■ 109, 137, 100

■ 84, 112, 76

■ 60, 87, 53

■ 38, 64, 31

■ 16, 41, 8

■ 0, 23, 0

 216, 247, 205

 216, 247, 205

 198, 247, 180

 234, 247, 230


 180, 247, 156

 252, 247, 254

 161, 247, 131


 255, 247, 255


 143, 247, 106

 125, 247, 82

 107, 247, 57

 88, 247, 32

 70, 247, 7

 65, 247, 0

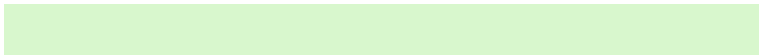
Harmonies

Analogous

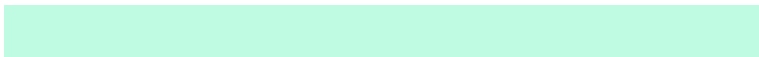
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 241, 193



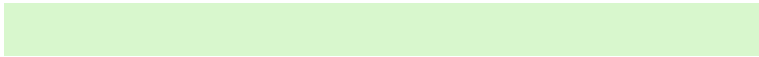
216, 247, 205



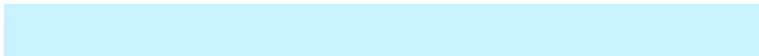
191, 251, 226

Triad

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



216, 247, 205



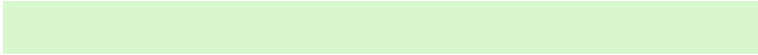
198, 243, 255



255, 222, 226

Complementary

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



216, 247, 205



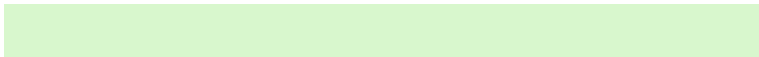
236, 205, 247

Split Complementary

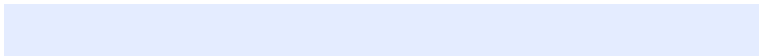
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 223, 250



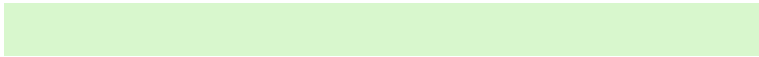
216, 247, 205



228, 236, 255

Square

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



216, 247, 205



178, 249, 255



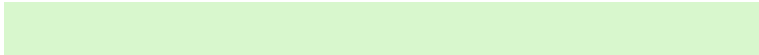
255, 228, 255



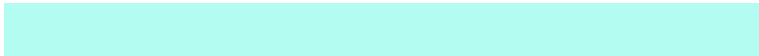
255, 226, 205

Rectangle

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



216, 247, 205



179, 252, 242



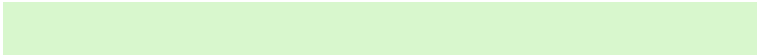
255, 228, 255



255, 222, 234

Sweetspot

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



216, 247, 205



246, 255, 242



247, 236, 205



122, 128, 120



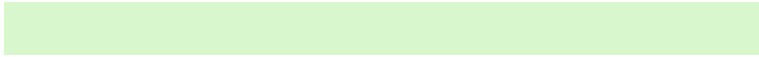
0, 0, 0



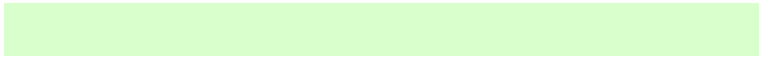
128, 128, 128

Same Dimension

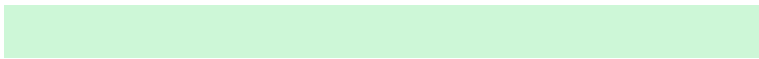
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216, 247, 205



217, 255, 204



205, 247, 215



113, 122, 110



49, 186, 0



15, 59, 0

Inverse Universe

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



236, 205, 247



242, 204, 255



247, 205, 237



119, 110, 122



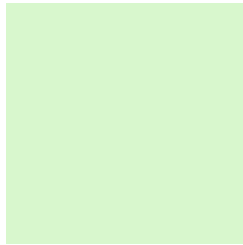
137, 0, 186



43, 0, 59

Previews

White Background



This preview shows how the RGB color 216, 247, 205 looks on a white background.

Color Contrast Check

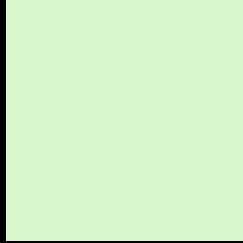
Large Text (above 18pt) WCAG AA × Fail

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 216, 247, 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

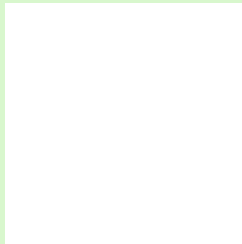
Any Text WCAG AAA ✓ Pass

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

RGB 216, 247, 205 Background



This preview shows how black text looks on a background with the RGB color 216, 247, 205.



This preview shows how white text looks on a background with the RGB color 216, 247, 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





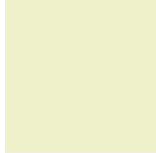
Tritanopia
227, 239, 255

Trichromacy



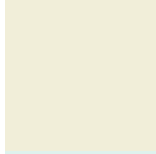
Original Color

216, 247, 205



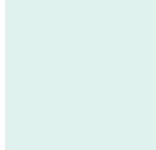
Protanomaly

238, 241, 202



Deuteranomaly

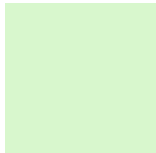
241, 238, 217



Tritanomaly

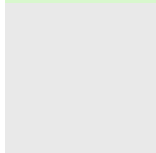
223, 242, 237

Monochromacy



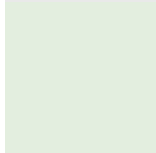
Original Color

216, 247, 205



Achromatopsia

233, 233, 233



Achromatomaly

227, 238, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 247, 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(216, 247, 205)` looks like.

```
.text, #text, p{  
    color:rgb(216, 247, 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(216, 247, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 247, 205) }
```

Border

The CSS property to change the border of an element to RGB 216, 247, 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(216, 247, 205) }
```

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

```
.border{ border-color:rgb(216, 247, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 247, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 247, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 247, 205); box-shadow:4px 4px 4px 4px rgb(216, 247, 205) }
```

Background

The CSS property to change the background color of an element to RGB 216, 247, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 247, 205) }
```

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

```
.background{ background-color: rgb(216,  
247, 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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