

Converting Colors

RGB(215, 236, 205)

Have a look what the booklet for
RGB(215, 236, 205) contains.

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Color

RGB(215, 236, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D7ECCD
RGB	215, 236, 205
RGB Percent	84%, 93%, 80%
CMY	0.1569, 0.0745, 0.1961
CMYK	0.09, 0.00, 0.13, 0.07
HSL	101°, 45%, 86%
HSV	101°, 13%, 93%
XYZ	69.0392, 78.8458, 69.3376
YIQ	226.1870, -2.5650, -14.0930

Conversions

Conversions Part 2

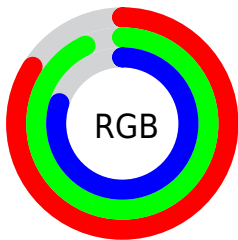
Format	Color
RYB	205, 236, 226
Decimal	14150861
CIELab	91.16, -12.46, 12.70
CIELCh	91, 17.789, 134.452
Yxy	78.8458, 0.3178, 0.3630
Android (android.graphics.Color)	4292340941 (0xFFD7ECCD)
YUV	226.1870, -10.4452, -9.8110
Hunter-Lab	88.7951, -16.6057, 15.8587

Details

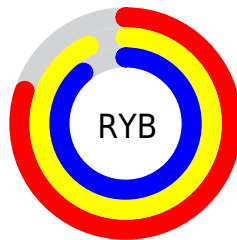
The RGB color **215, 236, 205** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **226, 205, 236**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **160, 180, 151** is the 20% darker color. If you saturate the color by 10%, you get **199, 236, 181**, and if you desaturate by 10%, it is **231, 236, 229**.

Distribution



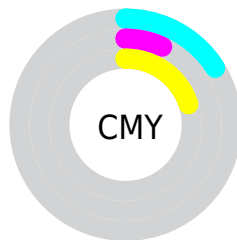
- Red (84%)
- Green (93%)
- Blue (80%)



- Red (80%)
- Yellow (93%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 236, 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 215, 236, 205 by changing the saturation by 10% instead.

 215, 236, 205

255, 255, 255

 215, 236, 205


 187, 208, 178


 160, 180, 151

 134, 153, 125

 108, 127, 100

 84, 102, 76

 61, 78, 53

 38, 55, 32


 18, 34, 9

 0, 8, 0

 215, 236, 205

 215, 236, 205

 199, 236, 181


 231, 236, 229

 183, 236, 158

 247, 236, 252


 167, 236, 134

 255, 236, 255


 151, 236, 111

 135, 236, 87

 119, 236, 63

 103, 236, 40

 87, 236, 16

 76, 236, 0

Harmonies

Analogous

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



235, 231, 197



215, 236, 205



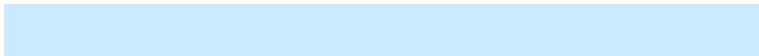
197, 239, 220

Triad

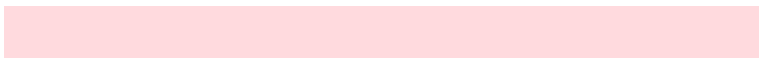
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 236, 205



201, 234, 255



255, 218, 222

Complementary

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



215, 236, 205



226, 205, 236

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, 219, 239



215, 236, 205



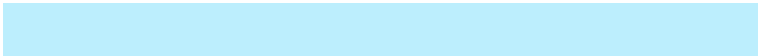
222, 228, 255

Square

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



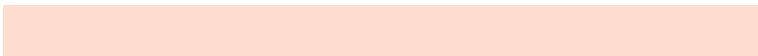
215, 236, 205



188, 238, 253



243, 223, 254



255, 221, 206

Rectangle

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



215, 236, 205



189, 240, 232



243, 223, 254



255, 218, 228

Sweetspot

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



215, 236, 205



248, 255, 245



236, 226, 205



123, 128, 121



0, 0, 0



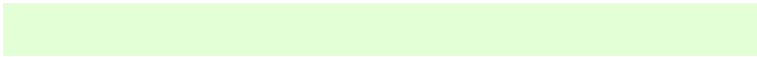
128, 128, 128

Same Dimension

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



215, 236, 205



227, 255, 214



205, 236, 210



109, 117, 106



58, 181, 0



17, 54, 0

Inverse Universe

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



226, 205, 236



242, 214, 255



236, 205, 231



114, 106, 117



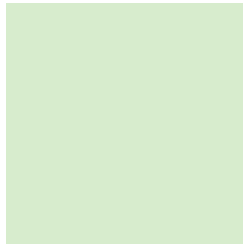
123, 0, 181



36, 0, 54

Previews

White Background



This preview shows how the RGB color 215, 236, 205 looks on a white background.

Color Contrast Check

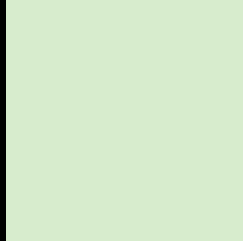
Large Text (above 18pt) WCAG AA × Fail

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 215, 236, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

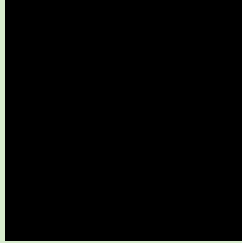
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

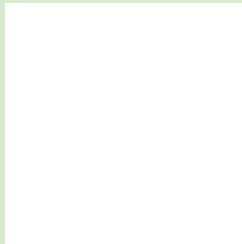
Any Text WCAG AAA ✓ Pass

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

RGB 215, 236, 205 Background



This preview shows how black text looks on a background with the RGB color 215, 236, 205.



This preview shows how white text looks on a background with the RGB color 215, 236, 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

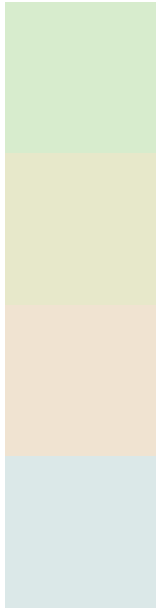




Tritanopia

222, 230, 248

Trichromacy



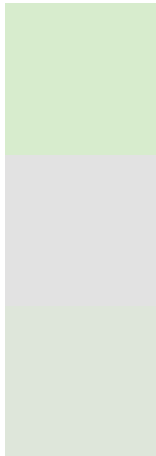
Original Color
215, 236, 205

Protanomaly
231, 232, 202

Deuteranomaly
240, 227, 209

Tritanomaly
219, 232, 232

Monochromacy



Original Color
215, 236, 205

Achromatopsia
226, 226, 226

Achromatomaly
222, 230, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 236, 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(215, 236, 205)` looks like.

```
.text, #text, p{  
    color:rgb(215, 236, 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(215, 236, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 236, 205) }
```

Border

The CSS property to change the border of an element to RGB 215, 236, 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(215, 236, 205) }
```

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

```
.border{ border-color:rgb(215, 236, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 236, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 236, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 236, 205);  
box-shadow:4px 4px 4px 4px rgb(215, 236,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 215, 236, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 236, 205) }
```

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

```
.background{ background-color: rgb(215,  
236, 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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