

Converting Colors

RGB(215, 241, 202)

Have a look what the booklet for
RGB(215, 241, 202) contains.

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Color

RGB(215, 241, 202)

Conversions

Conversions Part 1

Format	Color
Hex	D7F1CA
RGB	215, 241, 202
RGB Percent	84%, 95%, 79%
CMY	0.1569, 0.0549, 0.2078
CMYK	0.11, 0.00, 0.16, 0.05
HSL	100°, 58%, 87%
HSV	100°, 16%, 95%
XYZ	70.1403, 81.6219, 67.9349
YIQ	228.7800, -2.9770, -17.6410

Conversions

Conversions Part 2

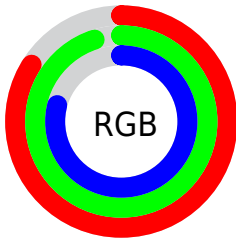
Format	Color
R_YB	202, 241, 228
Decimal	14152138
CIE _{Lab}	92.41, -15.44, 16.01
CIE _{LCh}	92, 22.242, 133.961
Yxy	81.6219, 0.3193, 0.3715
Android (android.graphics.Color)	4292342218 (0xFFD7F1CA)
YUV	228.7800, -13.2025, -12.0851
Hunter-Lab	90.3449, -19.5229, 18.6582

Details

The RGB color **215, 241, 202** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **228, 202, 241**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **160, 185, 148** is the 20% darker color. If you saturate the color by 10%, you get **199, 241, 178**, and if you desaturate by 10%, it is **231, 241, 226**.

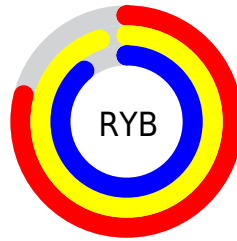
Distribution



Red (84%)

Green (95%)

Blue (79%)



Red (79%)

Yellow (95%)

Blue (89%)

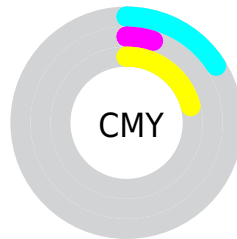


Cyan (11%)

Magenta (0%)

Yellow (16%)

Black (5%)



Cyan (16%)

Magenta (5%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 241, 202 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, 241, 202 by changing the saturation by 10% instead.

■ 215, 241, 202

255, 255, 255

■ 215, 241, 202

■ 187, 213, 175

■ 160, 185, 148

■ 134, 158, 122

■ 108, 132, 97

■ 84, 107, 73

■ 60, 82, 50

■ 38, 59, 29


■ 17, 37, 5

■ 0, 16, 0

 215, 241, 202

 215, 241, 202

 199, 241, 178


 231, 241, 226


 183, 241, 154

 247, 241, 250


 167, 241, 130


 255, 241, 255


 151, 241, 106

 135, 241, 82

 119, 241, 57

 103, 241, 33

 86, 241, 9

 80, 241, 0

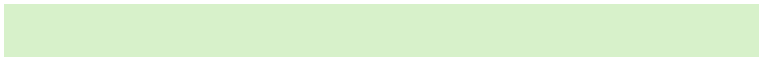
Harmonies

Analogous

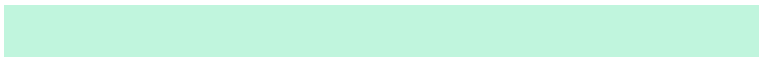
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 235, 192



215, 241, 202



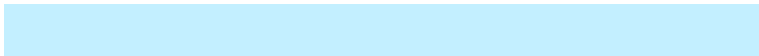
192, 245, 221

Triad

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



215, 241, 202



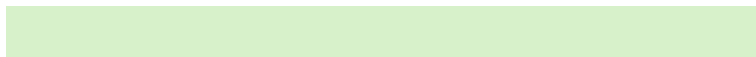
195, 239, 255



255, 218, 224

Complementary

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



215, 241, 202



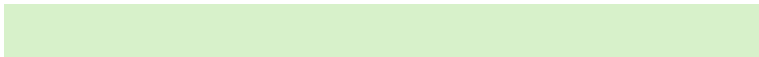
228, 202, 241

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, 220, 246



215, 241, 202



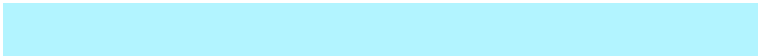
222, 232, 255

Square

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



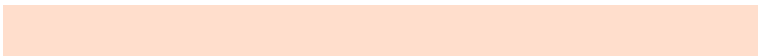
215, 241, 202



178, 244, 255



249, 225, 255



255, 222, 204

Rectangle

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



215, 241, 202



181, 246, 235



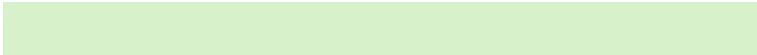
249, 225, 255



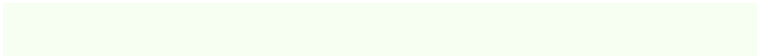
255, 218, 231

Sweetspot

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



215, 241, 202



247, 255, 242



241, 228, 202



122, 128, 120



0, 0, 0



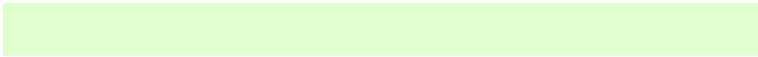
128, 128, 128

Same Dimension

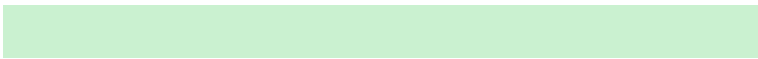
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215, 241, 202



223, 255, 207



202, 241, 208



112, 120, 108



61, 184, 0



19, 56, 0

Inverse Universe

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



228, 202, 241



239, 207, 255



241, 202, 234



116, 108, 120



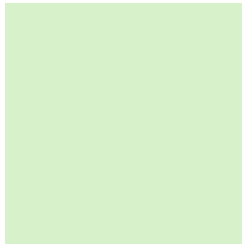
122, 0, 184



37, 0, 56

Previews

White Background



This preview shows how the RGB color 215, 241, 202 looks on a white background.

Color Contrast Check

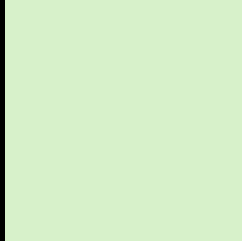
Large Text (above 18pt) WCAG AA × Fail

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, 241, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

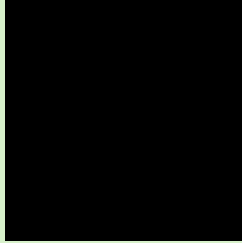
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

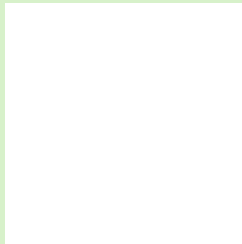
Any Text WCAG AAA ✓ Pass

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

RGB 215, 241, 202 Background



This preview shows how black text looks on a background with the RGB color 215, 241, 202.

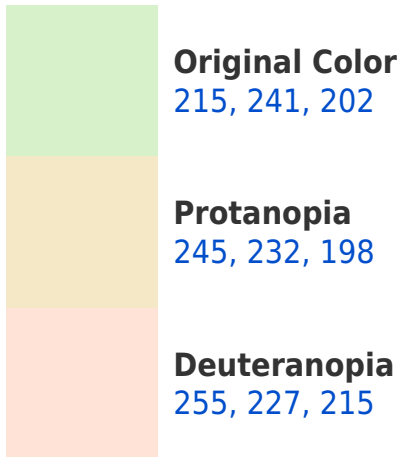


This preview shows how white text looks on a background with the RGB color 215, 241, 202.

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

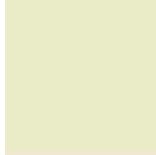
223, 234, 252

Trichromacy



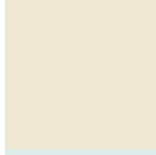
Original Color

215, 241, 202



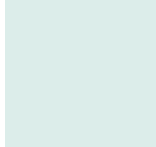
Protanomaly

234, 235, 199



Deuteranomaly

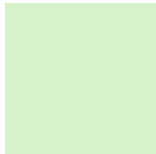
240, 232, 210



Tritanomaly

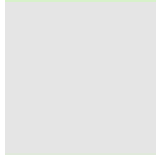
220, 237, 234

Monochromacy



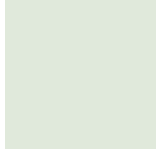
Original Color

215, 241, 202



Achromatopsia

229, 229, 229



Achromatomaly

224, 233, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 241, 202 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, 241, 202)` looks like.

```
.text, #text, p{  
    color:rgb(215, 241, 202)  
}
```

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, 241, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 241, 202) }
```

Border

The CSS property to change the border of an element to RGB 215, 241, 202 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, 241, 202) }
```

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

```
.border{ border-color:rgb(215, 241, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 241, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 241, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 241, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 241,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 215, 241, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 241, 202) }
```

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

```
.background{ background-color: rgb(215,  
241, 202) }
```

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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