

Converting Colors

RGB(215, 229, 197)

Have a look what the booklet for
RGB(215, 229, 197) contains.

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Color

RGB(215, 229, 197)

Conversions

Conversions Part 1

Format	Color
Hex	D7E5C5
RGB	215, 229, 197
RGB Percent	84%, 90%, 77%
CMY	0.1569, 0.1020, 0.2275
CMYK	0.06, 0.00, 0.14, 0.10
HSL	86°, 38%, 84%
HSV	86°, 14%, 90%
XYZ	66.1217, 74.5169, 63.7215
YIQ	221.1660, 1.9280, -12.9200

Conversions

Conversions Part 2

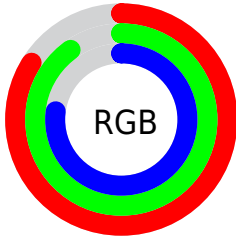
Format	Color
RYB	197, 229, 211
Decimal	14149061
CIELab	89.17, -10.27, 14.03
CIELCh	89, 17.386, 126.196
Yxy	74.5169, 0.3236, 0.3646
Android (android.graphics.Color)	4292339141 (0xFFD7E5C5)
YUV	221.1660, -11.9138, -5.4076
Hunter-Lab	86.3232, -14.3384, 16.6599

Details

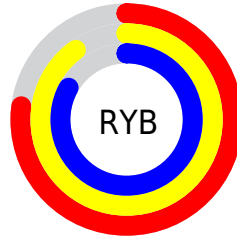
The RGB color **215, 229, 197** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **211, 197, 229**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 254**, and **160, 174, 143** is the 20% darker color. If you saturate the color by 10%, you get **205, 229, 174**, and if you desaturate by 10%, it is **225, 229, 220**.

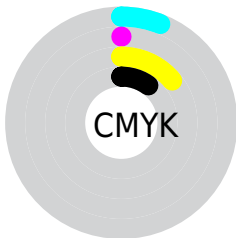
Distribution



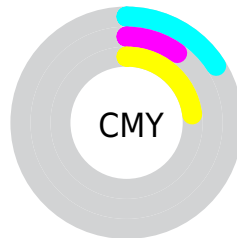
- Red (84%)
- Green (90%)
- Blue (77%)



- Red (77%)
- Yellow (90%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 229, 197 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, 229, 197 by changing the saturation by 10% instead.

 215, 229, 197	 215, 229, 197
255, 255, 255	 187, 201, 170
255, 255, 254	 160, 174, 143
	 134, 147, 118
	 108, 121, 93
	 84, 96, 69
	 61, 73, 47
	 39, 50, 26
	 20, 29, 0
	 0, 0, 0

 215, 229, 197

 215, 229, 197

 205, 229, 174

 225, 229, 220

 195, 229, 151

 235, 229, 243


 185, 229, 128


 245, 229, 255

 175, 229, 105

 255, 229, 255

 165, 229, 83

 155, 229, 60

 145, 229, 37

 135, 229, 14

 129, 229, 0

Harmonies

Analogous

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



234, 224, 191



215, 229, 197



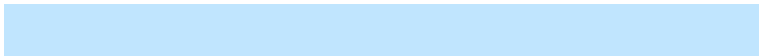
197, 233, 210

Triad

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



215, 229, 197



192, 229, 254



255, 213, 221

Complementary

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



215, 229, 197



211, 197, 229

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.



249, 214, 238



215, 229, 197



210, 224, 255

Square

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



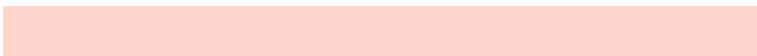
215, 229, 197



182, 233, 243



232, 219, 251



255, 214, 205

Rectangle

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



215, 229, 197



187, 234, 221



232, 219, 251



255, 213, 227

Sweetspot

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



215, 229, 197



251, 255, 245



229, 211, 197



125, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



215, 229, 197



236, 255, 212



199, 229, 197



110, 115, 103



100, 179, 0



29, 51, 0

Inverse Universe

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



211, 197, 229



231, 212, 255



227, 197, 229



108, 103, 115



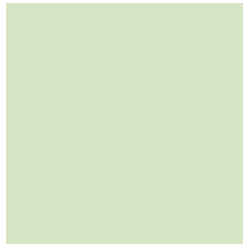
78, 0, 179



22, 0, 51

Previews

White Background



This preview shows how the RGB color 215, 229, 197 looks on a white background.

Color Contrast Check

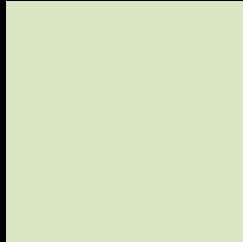
Large Text (above 18pt) WCAG AA × Fail

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, 229, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

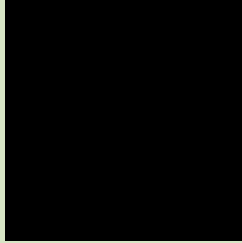
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

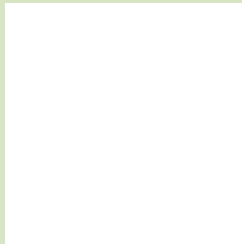
Any Text WCAG AAA ✓ Pass

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

RGB 215, 229, 197 Background



This preview shows how black text looks on a background with the RGB color 215, 229, 197.

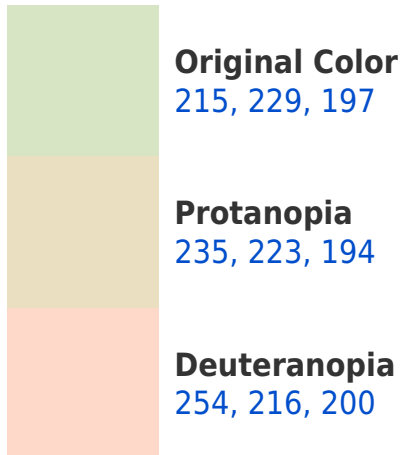


This preview shows how white text looks on a background with the RGB color 215, 229, 197.

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](#).

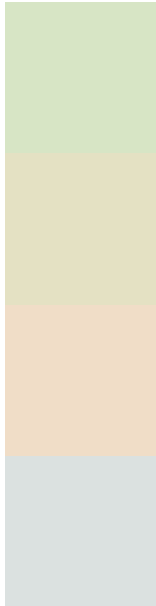
Dichromacy





Tritanopia
221, 223, 240

Trichromacy



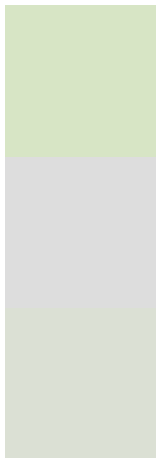
Original Color
215, 229, 197

Protanomaly
228, 225, 195

Deuteranomaly
240, 221, 199

Tritanomaly
219, 225, 224

Monochromacy



Original Color
215, 229, 197

Achromatopsia
221, 221, 221

Achromatomaly
219, 224, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 229, 197 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, 229, 197)` looks like.

```
.text, #text, p{  
    color:rgb(215, 229, 197)  
}
```

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, 229, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 229, 197) }
```

Border

The CSS property to change the border of an element to RGB 215, 229, 197 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, 229, 197) }
```

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

```
.border{ border-color:rgb(215, 229, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 229, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 229, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 229, 197);  
box-shadow:4px 4px 4px 4px rgb(215, 229,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 215, 229, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 229, 197) }
```

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

```
.background{ background-color: rgb(215,  
229, 197) }
```

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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