

Converting Colors

RGB(216, 224, 190)

Have a look what the booklet for
RGB(216, 224, 190) contains.

RGB(216, 224, 190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(216, 224, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D8E0BE
RGB	216, 224, 190
RGB Percent	85%, 88%, 75%
CMY	0.1529, 0.1216, 0.2549
CMYK	0.04, 0.00, 0.15, 0.12
HSL	74°, 35%, 81%
HSV	74°, 15%, 88%
XYZ	64.2688, 71.6279, 59.1534
YIQ	217.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

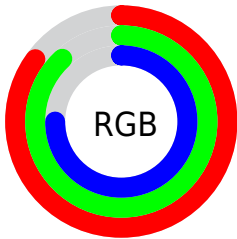
Format	Color
RYB	190, 224, 198
Decimal	14213310
CIELab	87.79, -8.51, 15.75
CIELCh	88, 17.905, 118.376
Yxy	71.6279, 0.3295, 0.3672
Android (android.graphics.Color)	4292403390 (0xFFD8E0BE)
YUV	217.7320, -13.6719, -1.5190
Hunter-Lab	84.6333, -12.5590, 17.8033

Details

The RGB color **216, 224, 190** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **198, 190, 224**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 246**, and **161, 169, 137** is the 20% darker color. If you saturate the color by 10%, you get **211, 224, 168**, and if you desaturate by 10%, it is **221, 224, 212**.

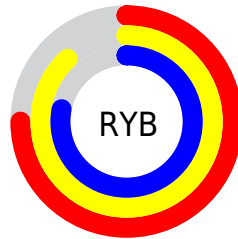
Distribution



Red (85%)

Green (88%)

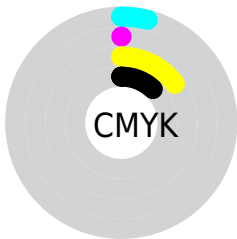
Blue (75%)



Red (75%)

Yellow (88%)

Blue (78%)

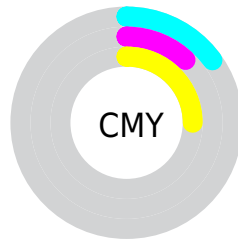


Cyan (4%)

Magenta (0%)

Yellow (15%)

Black (12%)



Cyan (15%)

Magenta (12%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 224, 190 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, 224, 190 by changing the saturation by 10% instead.


 216, 224, 190

255, 255, 255

 255, 255, 246

 216, 224, 190


 188, 196, 163

 161, 169, 137


 135, 142, 111

 109, 117, 87

 85, 92, 63

 61, 69, 41

 39, 46, 20

 19, 26, 0

 0, 0, 0

 216, 224, 190

 216, 224, 190

 211, 224, 168

 221, 224, 212

 205, 224, 145


 227, 224, 235

 200, 224, 123

 232, 224, 255

 195, 224, 100

 237, 224, 255

 190, 224, 78


 242, 224, 255

 184, 224, 56


 248, 224, 255

 179, 224, 33

 253, 224, 255

 174, 224, 11

 255, 224, 255

 171, 224, 0

Harmonies

Analogous

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



235, 219, 186



216, 224, 190



197, 228, 202

Triad

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



216, 224, 190



183, 227, 248



254, 209, 222

Complementary

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



216, 224, 190



198, 190, 224

Split Complementary

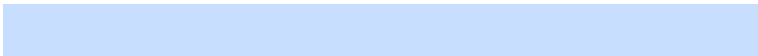
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 211, 238



216, 224, 190



200, 222, 254

Square

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



216, 224, 190



176, 230, 236



222, 216, 250



255, 209, 205

Rectangle

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



216, 224, 190



186, 230, 213



222, 216, 250



251, 209, 227

Sweetspot

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



216, 224, 190



252, 255, 242



224, 198, 190



126, 128, 120



0, 0, 0



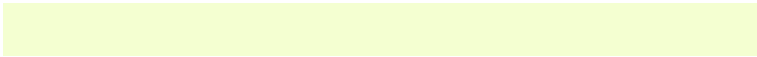
128, 128, 128

Same Dimension

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



216, 224, 190



244, 255, 209



199, 224, 190



110, 112, 101



135, 176, 0



37, 48, 0

Inverse Universe

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



198, 190, 224



220, 209, 255



215, 190, 224



104, 101, 112



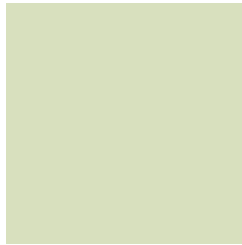
41, 0, 176



11, 0, 48

Previews

White Background



This preview shows how the RGB color 216, 224, 190 looks on a white background.

Color Contrast Check

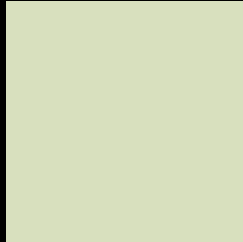
Large Text (above 18pt) WCAG AA × Fail

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, 224, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

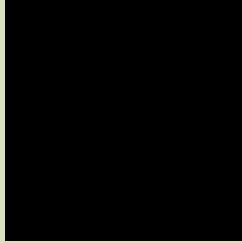
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

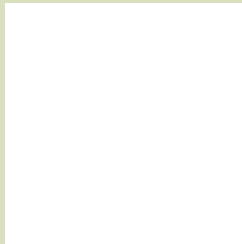
Any Text WCAG AAA ✓ Pass

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

RGB 216, 224, 190 Background



This preview shows how black text looks on a background with the RGB color 216, 224, 190.

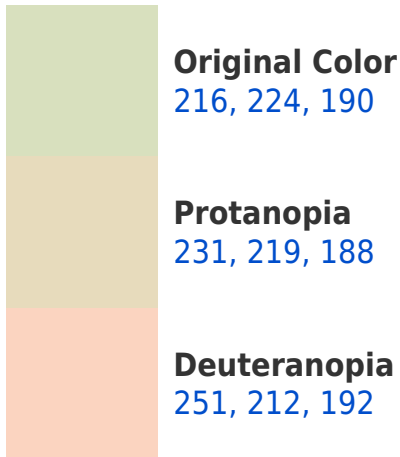


This preview shows how white text looks on a background with the RGB color 216, 224, 190.

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](#).

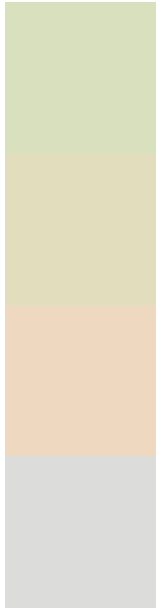
Dichromacy





Tritanopia
222, 218, 235

Trichromacy



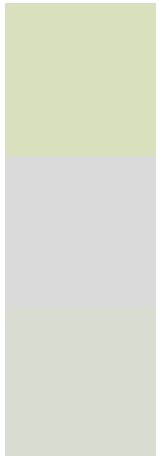
Original Color
216, 224, 190

Protanomaly
226, 221, 189

Deuteranomaly
238, 216, 191

Tritanomaly
220, 220, 219

Monochromacy



Original Color
216, 224, 190

Achromatopsia
218, 218, 218

Achromatomaly
217, 220, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 224, 190 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, 224, 190)` looks like.

```
.text, #text, p{  
    color:rgb(216, 224, 190)  
}
```

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, 224, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 224, 190) }
```

Border

The CSS property to change the border of an element to RGB 216, 224, 190 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, 224, 190) }
```

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

```
.border{ border-color:rgb(216, 224, 190) }
```

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

Here you see how a box with a 4 pixel rgb(216, 224, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 224, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 224, 190);  
box-shadow:4px 4px 4px 4px rgb(216, 224,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 216, 224, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 224, 190) }
```

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

```
.background{ background-color: rgb(216,  
224, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor