

Converting Colors

RGB(216, 224, 157)

Have a look what the booklet for
RGB(216, 224, 157) contains.

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Color

RGB(216, 224, 157)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8E09D |
| RGB | 216, 224, 157 |
| RGB Percent | 85%, 88%, 62% |
| CMY | 0.1529, 0.1216, 0.3843 |
| CMYK | 0.04, 0.00, 0.30, 0.12 |
| HSL | 67°, 52%, 75% |
| HSV | 67°, 30%, 88% |
| XYZ | 61.0604, 70.3446, 42.2579 |
| YIQ | 213.9700, 16.7390, -22.5330 |

Conversions

Conversions Part 2

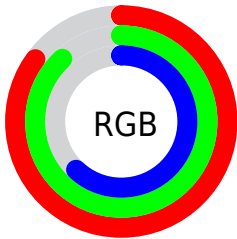
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 157, 224, 165 |
| Decimal | 14213277 |
| CIELab | 87.17, -13.25, 31.99 |
| CIELCh | 87, 34.621, 112.500 |
| Yxy | 70.3446, 0.3516, 0.4051 |
| Android (android.graphics.Color) | 4292403357 (0xFFD8E09D) |
| YUV | 213.9700, -28.0862, 1.7803 |
| Hunter-Lab | 83.8717, -16.8236, 28.8375 |

Details

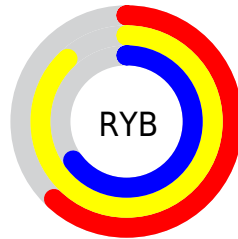
The RGB color **216, 224, 157** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **165, 157, 224**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 212**, and **160, 169, 105** is the 20% darker color. If you saturate the color by 10%, you get **213, 224, 135**, and if you desaturate by 10%, it is **219, 224, 179**.

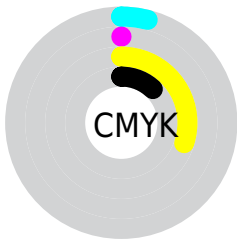
Distribution



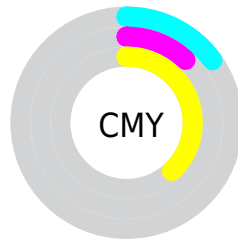
- Red (85%)
- Green (88%)
- Blue (62%)



- Red (62%)
- Yellow (88%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 224, 157 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, 157 by changing the saturation by 10% instead.

 216, 224, 157


255, 255, 255

 255, 255, 212


 255, 255, 241


 216, 224, 157

 188, 196, 131

 160, 169, 105

 134, 142, 80

 108, 117, 56

 83, 92, 33

 58, 69, 9

 36, 46, 0

 6, 27, 0

 0, 0, 0

216, 224, 157

216, 224, 157

213, 224, 135

219, 224, 179

211, 224, 112

221, 224, 202

208, 224, 90

224, 224, 224

205, 224, 67

227, 224, 247

203, 224, 45

229, 224, 255

200, 224, 23

232, 224, 255

197, 224, 0

235, 224, 255

197, 224, 0

237, 224, 255

240, 224, 255

Harmonies

Analogous

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



249, 213, 153



216, 224, 157



178, 232, 177

Triad

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



216, 224, 157



125, 232, 255



255, 195, 228

Complementary

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



216, 224, 157



165, 157, 224

Split Complementary

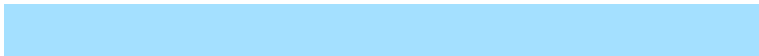
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252, 202, 255



216, 224, 157



164, 224, 255

Square

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



216, 224, 157



117, 236, 242



212, 213, 255



255, 195, 195

Rectangle

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



216, 224, 157



153, 235, 198



212, 213, 255



255, 196, 239

Sweetspot

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



216, 224, 157



252, 255, 232



224, 165, 157



126, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



216, 224, 157



244, 255, 163



183, 224, 157



111, 112, 101



155, 176, 0



43, 48, 0

Inverse Universe

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



165, 157, 224



174, 163, 255



198, 157, 224



102, 101, 112



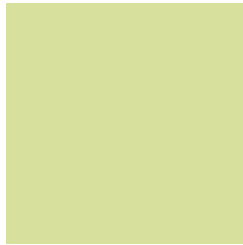
21, 0, 176



6, 0, 48

Previews

White Background



This preview shows how the RGB color 216, 224, 157 looks on a white background.

Color Contrast Check

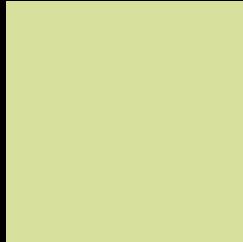
Large Text (above 18pt) WCAG AA × Fail

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, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

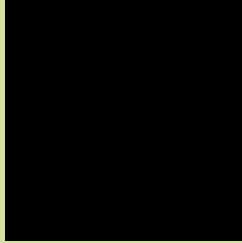
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

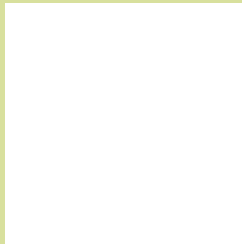
Any Text WCAG AAA ✓ Pass

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

RGB 216, 224, 157 Background



This preview shows how black text looks on a background with the RGB color 216, 224, 157.

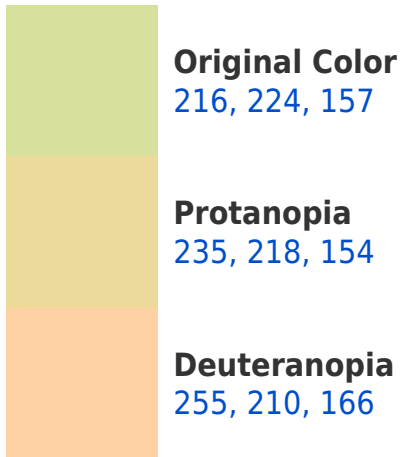


This preview shows how white text looks on a background with the RGB color 216, 224, 157.

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](#).

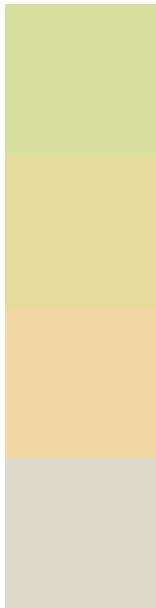
Dichromacy





Tritanopia
226, 214, 231

Trichromacy



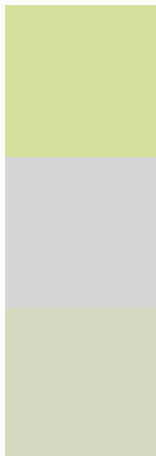
Original Color
216, 224, 157

Protanomaly
228, 220, 155

Deuteranomaly
241, 215, 163

Tritanomaly
222, 218, 204

Monochromacy



Original Color
216, 224, 157

Achromatopsia
214, 214, 214

Achromatomaly
215, 218, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 224, 157 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(216, 224, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 224, 157) }
```

Border

The CSS property to change the border of an element to RGB 216, 224, 157 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, 157) }
```

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

```
.border{ border-color:rgb(216, 224, 157) }
```

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, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 224, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 224, 157);  
box-shadow:4px 4px 4px 4px rgb(216, 224,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 216, 224, 157 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, 157) }
```

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

```
.background{ background-color: rgb(216,  
224, 157) }
```

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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