

Converting Colors

RGB(225, 235, 176)

Have a look what the booklet for
RGB(225, 235, 176) contains.

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Color

RGB(225, 235, 176)

Conversions

Conversions Part 1

Format	Color
Hex	E1EBB0
RGB	225, 235, 176
RGB Percent	88%, 92%, 69%
CMY	0.1176, 0.0784, 0.3098
CMYK	0.04, 0.00, 0.25, 0.08
HSL	70°, 60%, 81%
HSV	70°, 25%, 92%
XYZ	68.5961, 78.5588, 52.6223
YIQ	225.2840, 12.9790, -20.4690

Conversions

Conversions Part 2

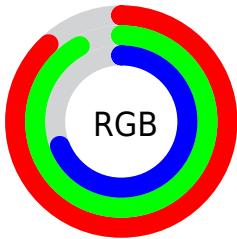
Format	Color
RYB	176, 235, 186
Decimal	14805936
CIELab	91.03, -12.86, 27.59
CIELCh	91, 30.440, 114.991
Yxy	78.5588, 0.3434, 0.3932
Android (android.graphics.Color)	4292996016 (0xFFE1EBB0)
YUV	225.2840, -24.2970, -0.2491
Hunter-Lab	88.6334, -16.9618, 26.8425

Details

The RGB color **225, 235, 176** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **186, 176, 235**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 232**, and **169, 179, 123** is the 20% darker color. If you saturate the color by 10%, you get **221, 235, 153**, and if you desaturate by 10%, it is **229, 235, 200**.

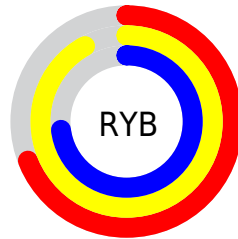
Distribution



Red (88%)

Green (92%)

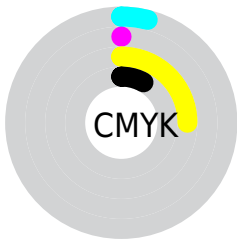
Blue (69%)



Red (69%)

Yellow (92%)

Blue (73%)

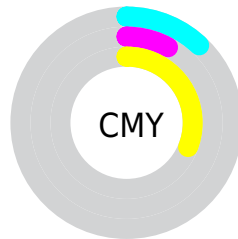


Cyan (4%)

Magenta (0%)

Yellow (25%)

Black (8%)



Cyan (12%)

Magenta (8%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 235, 176 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 225, 235, 176 by changing the saturation by 10% instead.

 225, 235, 176


255, 255, 255

 255, 255, 232


 225, 235, 176

 197, 207, 149

 169, 179, 123

 142, 153, 98

 116, 127, 73

 91, 102, 50

 67, 78, 28

 44, 55, 4

 22, 33, 0

 0, 7, 0

■ 225, 235, 176

■ 225, 235, 176

■ 221, 235, 153

■ 229, 235, 200

■ 217, 235, 129

■ 233, 235, 223

■ 213, 235, 106

■ 237, 235, 247

■ 209, 235, 82

■ 241, 235, 255

■ 205, 235, 58

■ 245, 235, 255

■ 201, 235, 35

■ 249, 235, 255

■ 197, 235, 12

■ 253, 235, 255

■ 195, 235, 0

■ 255, 235, 255

Harmonies

Analogous

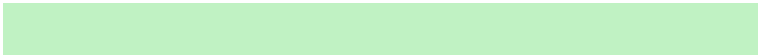
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 226, 171



225, 235, 176



192, 242, 195

Triad

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



225, 235, 176



154, 241, 255



255, 209, 235

Complementary

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



225, 235, 176



186, 176, 235

Split Complementary

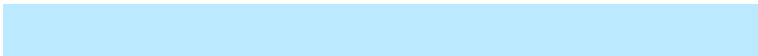
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 214, 255



225, 235, 176



187, 233, 255

Square

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



225, 235, 176



145, 245, 253



228, 224, 255



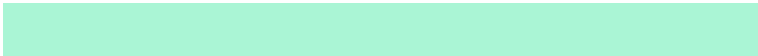
255, 209, 206

Rectangle

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



225, 235, 176



170, 245, 213



228, 224, 255



255, 210, 245

Sweetspot

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



225, 235, 176



252, 255, 235



235, 186, 176



125, 128, 115



0, 0, 0



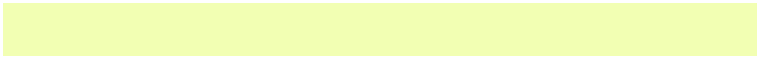
128, 128, 128

Same Dimension

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



225, 235, 176



242, 255, 179



196, 235, 176



115, 117, 106



150, 181, 0



44, 54, 0

Inverse Universe

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



186, 176, 235



191, 179, 255



215, 176, 235



108, 106, 117



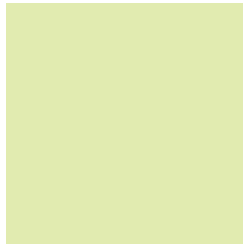
31, 0, 181



9, 0, 54

Previews

White Background



This preview shows how the RGB color 225, 235, 176 looks on a white background.

Color Contrast Check

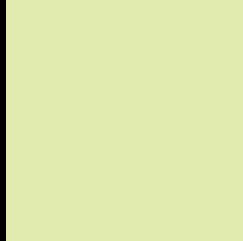
Large Text (above 18pt) WCAG AA × Fail

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 225, 235, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

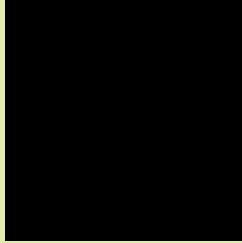
Any Text WCAG AA ✓ Pass

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 225, 235, 176 Background



This preview shows how black text looks on a background with the RGB color 225, 235, 176.

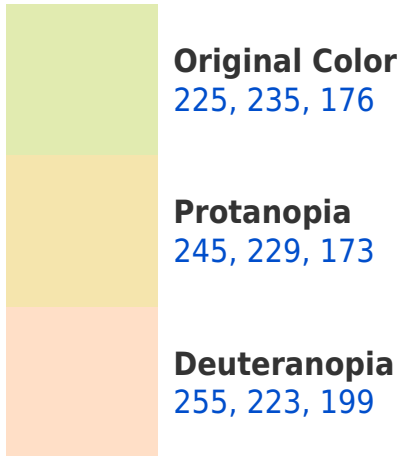


This preview shows how white text looks on a background with the RGB color 225, 235, 176.

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

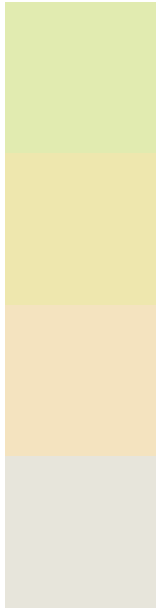




Tritanopia

234, 226, 244

Trichromacy



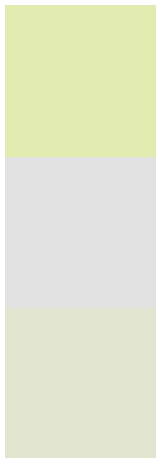
Original Color
225, 235, 176

Protanomaly
238, 231, 174

Deuteranomaly
244, 227, 191

Tritanomaly
231, 229, 219

Monochromacy



Original Color
225, 235, 176

Achromatopsia
225, 225, 225

Achromatomaly
225, 229, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 235, 176 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(225, 235, 176)` looks like.

```
.text, #text, p{  
    color:rgb(225, 235, 176)  
}
```

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(225, 235, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 235, 176) }
```

Border

The CSS property to change the border of an element to RGB 225, 235, 176 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(225, 235, 176) }
```

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

```
.border{ border-color:rgb(225, 235, 176) }
```

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

Here you see how a box with a 4 pixel rgb(225, 235, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 235, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 235, 176);  
box-shadow:4px 4px 4px 4px rgb(225, 235,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 225, 235, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 235, 176) }
```

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

```
.background{ background-color: rgb(225,  
235, 176) }
```

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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