

Converting Colors

RGB(225, 225, 177)

Have a look what the booklet for
RGB(225, 225, 177) contains.

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Color

RGB(225, 225, 177)

Conversions

Conversions Part 1

Format	Color
Hex	E1E1B1
RGB	225, 225, 177
RGB Percent	88%, 88%, 69%
CMY	0.1176, 0.1176, 0.3059
CMYK	0.00, 0.00, 0.21, 0.12
HSL	60°, 44%, 79%
HSV	60°, 21%, 88%
XYZ	65.9124, 73.0323, 52.2177
YIQ	219.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

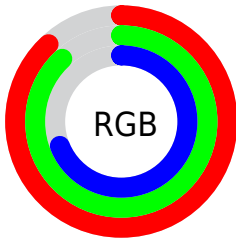
Format	Color
RYB	177, 225, 177
Decimal	14803377
CIELab	88.46, -7.70, 23.56
CIELCh	88, 24.788, 108.109
Yxy	73.0323, 0.3448, 0.3820
Android (android.graphics.Color)	4292993457 (0xFFE1E1B1)
YUV	219.5280, -20.9663, 4.7989
Hunter-Lab	85.4589, -11.8805, 23.5935

Details

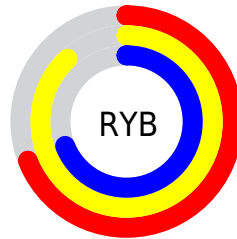
The RGB color **225, 225, 177** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177, 177, 225**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 233**, and **169, 170, 124** is the 20% darker color. If you saturate the color by 10%, you get **225, 225, 155**, and if you desaturate by 10%, it is **225, 225, 199**.

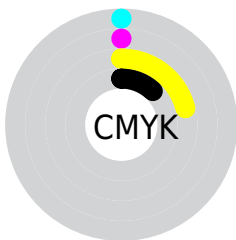
Distribution



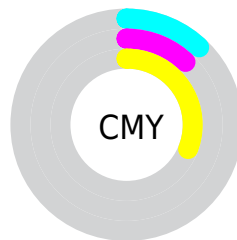
- Red (88%)
- Green (88%)
- Blue (69%)



- Red (69%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 225, 177 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, 225, 177 by changing the saturation by 10% instead.

 225, 225, 177


255, 255, 255

 255, 255, 233


 225, 225, 177

 197, 197, 150

 169, 170, 124

 143, 143, 99

 117, 118, 75

 91, 93, 52

 67, 70, 30

 44, 47, 6

 23, 27, 0

 0, 0, 0

 225, 225, 177

 225, 225, 177

 225, 225, 155


 225, 225, 199

 225, 225, 132


 225, 225, 222


 225, 225, 110


 225, 225, 244

 225, 225, 87

 225, 225, 255

 225, 225, 64

 225, 225, 42

 225, 225, 19

 225, 225, 0

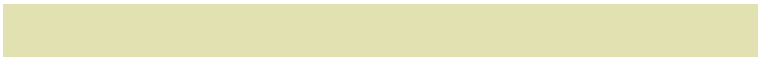
Harmonies

Analogous

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



249, 217, 176



225, 225, 177



198, 231, 190

Triad

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



225, 225, 177



161, 233, 255



255, 206, 232

Complementary

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



225, 225, 177



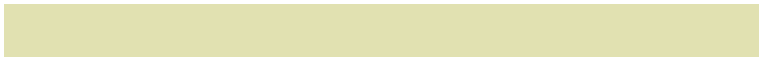
177, 177, 225

Split Complementary

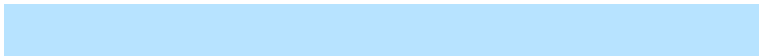
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 211, 254



225, 225, 177



183, 227, 255

Square

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



225, 225, 177



158, 236, 236



214, 219, 255



255, 206, 208

Rectangle

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



225, 225, 177



181, 234, 204



214, 219, 255



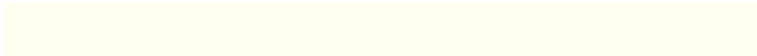
255, 207, 240

Sweetspot

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



225, 225, 177



255, 255, 240



225, 177, 177



128, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



225, 225, 177



255, 255, 189



201, 225, 177



112, 112, 101



176, 176, 0



48, 48, 0

Inverse Universe

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



177, 177, 225



189, 189, 255



201, 177, 225



101, 101, 112



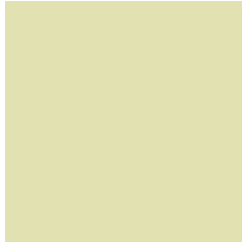
0, 0, 176



0, 0, 48

Previews

White Background



This preview shows how the RGB color 225, 225, 177 looks on a white background.

Color Contrast Check

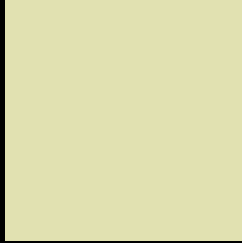
Large Text (above 18pt) WCAG AA × Fail

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, 225, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

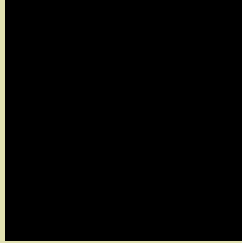
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

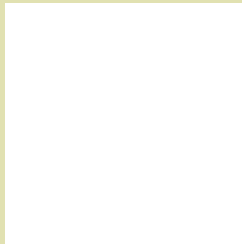
Any Text WCAG AAA ✓ Pass

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

RGB 225, 225, 177 Background



This preview shows how black text looks on a background with the RGB color 225, 225, 177.



This preview shows how white text looks on a background with the RGB color 225, 225, 177.

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

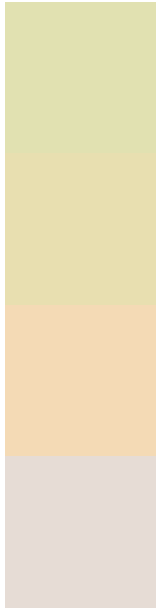




Tritanopia

233, 217, 234

Trichromacy



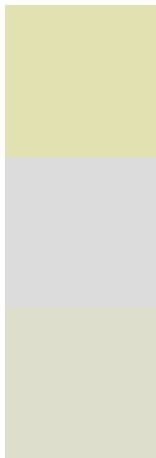
Original Color
225, 225, 177

Protanomaly
232, 223, 176

Deuteranomaly
244, 218, 181

Tritanomaly
230, 220, 213

Monochromacy



Original Color
225, 225, 177

Achromatopsia
220, 220, 220

Achromatomaly
222, 222, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 225, 177 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, 225, 177)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 177)  
}
```

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, 225, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 177) }
```

Border

The CSS property to change the border of an element to RGB 225, 225, 177 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, 225, 177) }
```

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

```
.border{ border-color:rgb(225, 225, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 225, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 225, 177); box-shadow:4px 4px 4px 4px rgb(225, 225, 177) }
```

Background

The CSS property to change the background color of an element to RGB 225, 225, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 177) }
```

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

```
.background{ background-color: rgb(225,  
225, 177) }
```

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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