

Converting Colors

RGB(225, 237, 171)

Have a look what the booklet for
RGB(225, 237, 171) contains.

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Color

RGB(225, 237, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E1EDAB
RGB	225, 237, 171
RGB Percent	88%, 93%, 67%
CMY	0.1176, 0.0706, 0.3294
CMYK	0.05, 0.00, 0.28, 0.07
HSL	71°, 65%, 80%
HSV	71°, 28%, 93%
XYZ	68.6862, 79.5162, 50.2561
YIQ	225.8880, 14.0340, -23.0700

Conversions

Conversions Part 2

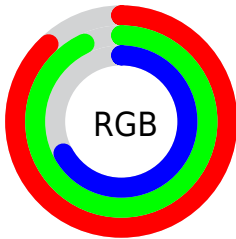
Format	Color
RYB	171, 237, 183
Decimal	14806443
CIELab	91.47, -14.53, 30.73
CIELCh	91, 33.988, 115.310
Yxy	79.5162, 0.3461, 0.4007
Android (android.graphics.Color)	4292996523 (0xFFE1EDAB)
YUV	225.8880, -27.0598, -0.7788
Hunter-Lab	89.1719, -18.5579, 29.0052

Details

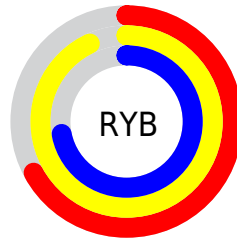
The RGB color **225, 237, 171** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **183, 171, 237**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 227**, and **169, 181, 118** is the 20% darker color. If you saturate the color by 10%, you get **221, 237, 147**, and if you desaturate by 10%, it is **229, 237, 195**.

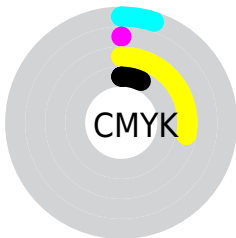
Distribution



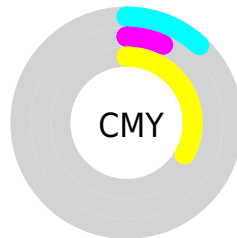
- Red (88%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 237, 171 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, 237, 171 by changing the saturation by 10% instead.

■ 225, 237, 171

255, 255, 255

■ 255, 255, 227

■ 225, 237, 171

■ 197, 209, 144

■ 169, 181, 118

■ 142, 154, 93

■ 116, 128, 69

■ 91, 103, 45

■ 66, 79, 22

■ 43, 56, 0

■ 20, 35, 0

■ 0, 10, 0

■ 225, 237, 171

■ 225, 237, 171

■ 221, 237, 147

■ 229, 237, 195

■ 216, 237, 124

■ 234, 237, 218

■ 212, 237, 100

■ 238, 237, 242

■ 208, 237, 76

■ 242, 237, 255

■ 203, 237, 52

■ 247, 237, 255

■ 199, 237, 29

■ 251, 237, 255

■ 195, 237, 5

■ 255, 237, 255

■ 194, 237, 0

Harmonies

Analogous

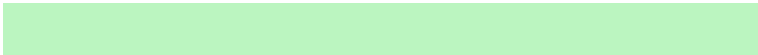
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 227, 166



225, 237, 171



187, 245, 192

Triad

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



225, 237, 171



143, 244, 255



255, 207, 237

Complementary

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



225, 237, 171



183, 171, 237

Split Complementary

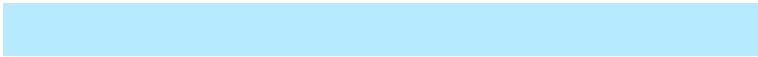
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 213, 255



225, 237, 171



182, 235, 255

Square

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



225, 237, 171



132, 248, 255



229, 224, 255



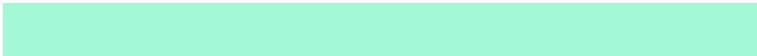
255, 208, 204

Rectangle

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



225, 237, 171



163, 248, 213



229, 224, 255



255, 208, 248

Sweetspot

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



225, 237, 171



251, 255, 235



237, 182, 171



125, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

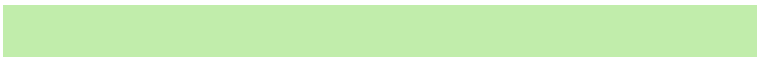
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 237, 171



240, 255, 171



193, 237, 171



115, 117, 106



148, 181, 0



44, 54, 0

Inverse Universe

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



183, 171, 237



186, 171, 255



215, 171, 237



108, 106, 117



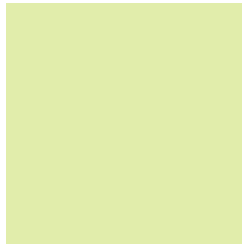
33, 0, 181



10, 0, 54

Previews

White Background



This preview shows how the RGB color 225, 237, 171 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, 237, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

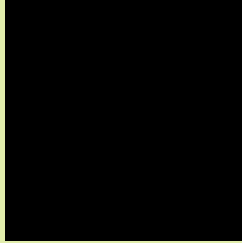
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

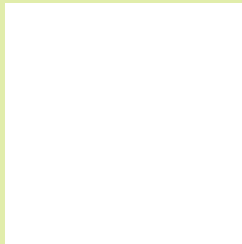
Any Text WCAG AAA ✓ Pass

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

RGB 225, 237, 171 Background



This preview shows how black text looks on a background with the RGB color 225, 237, 171.

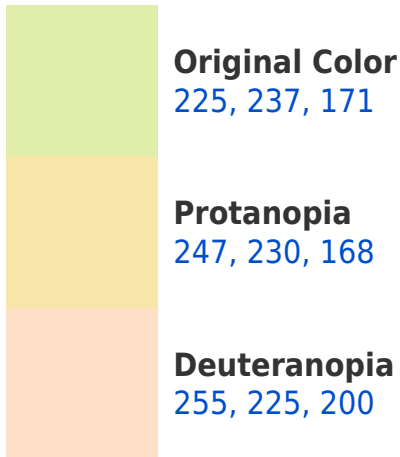


This preview shows how white text looks on a background with the RGB color 225, 237, 171.

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

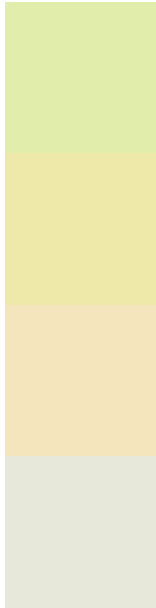




Tritanopia

235, 227, 245

Trichromacy



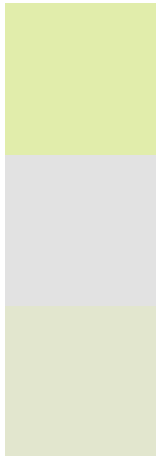
Original Color
225, 237, 171

Protanomaly
239, 233, 169

Deuteranomaly
244, 229, 189

Tritanomaly
231, 231, 218

Monochromacy



Original Color
225, 237, 171

Achromatopsia
226, 226, 226

Achromatomaly
226, 230, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 237, 171 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, 237, 171)` looks like.

```
.text, #text, p{  
    color:rgb(225, 237, 171)  
}
```

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, 237, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 237, 171) }
```

Border

The CSS property to change the border of an element to RGB 225, 237, 171 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, 237, 171) }
```

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

```
.border{ border-color:rgb(225, 237, 171) }
```

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

Here you see how a box with a 4 pixel rgb(225, 237, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 237, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 237, 171);  
box-shadow:4px 4px 4px 4px rgb(225, 237,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 225, 237, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 237, 171) }
```

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

```
.background{ background-color: rgb(225,  
237, 171) }
```

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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