

# Converting Colors

RGB(227, 235, 174)

Have a look what the booklet for  
RGB(227, 235, 174) contains.

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# **Color**

**RGB(227, 235, 174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3EBAE
RGB	227, 235, 174
RGB Percent	89%, 92%, 68%
CMY	0.1098, 0.0784, 0.3176
CMYK	0.03, 0.00, 0.26, 0.08
HSL	68°, 60%, 80%
HSV	68°, 26%, 92%
XYZ	69.0269, 78.8035, 51.6169
YIQ	225.6540, 14.8130, -20.6670

# Conversions

## Conversions Part 2

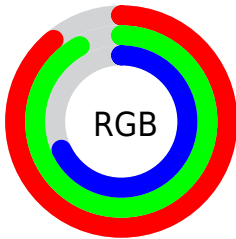
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 235, 182
Decimal	14937006
CIELab	91.15, -12.40, 28.79
CIELCh	91, 31.345, 113.307
Yxy	78.8035, 0.3461, 0.3951
Android (android.graphics.Color)	4293127086 (0xFFE3EBAE)
YUV	225.6540, -25.4654, 1.1804
Hunter-Lab	88.7714, -16.5518, 27.6653

# Details

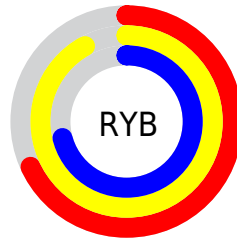
The RGB color **227, 235, 174** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **182, 174, 235**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 230**, and **171, 179, 121** is the 20% darker color. If you saturate the color by 10%, you get **224, 235, 151**, and if you desaturate by 10%, it is **230, 235, 198**.

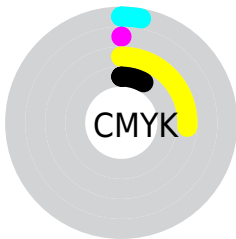
# Distribution



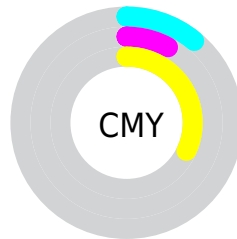
- Red (89%)
- Green (92%)
- Blue (68%)



- Red (68%)
- Yellow (92%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 227, 235, 174 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 227, 235, 174 by changing the saturation by 10% instead.




 227, 235, 174

255, 255, 255


 255, 255, 230

 227, 235, 174


 199, 207, 147

 171, 179, 121

 144, 153, 96

 118, 127, 72

 93, 102, 48

 68, 78, 26

 45, 55, 1

 23, 34, 0

 0, 8, 0

 227, 235, 174

 227, 235, 174

 224, 235, 151


 230, 235, 198

 221, 235, 127

 233, 235, 221

 218, 235, 104

 236, 235, 244

 215, 235, 80


 239, 235, 255

 212, 235, 56

 242, 235, 255

 209, 235, 33

 245, 235, 255

 205, 235, 10

 249, 235, 255

 204, 235, 0

 252, 235, 255

 255, 235, 255

# Harmonies

## Analogous

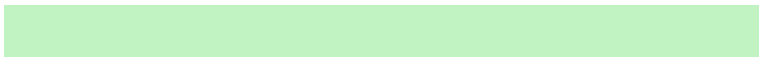
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 225, 170



227, 235, 174



193, 242, 193

# Triad

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



227, 235, 174



150, 242, 255



255, 208, 238

# Complementary

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



227, 235, 174



182, 174, 235

# Split Complementary

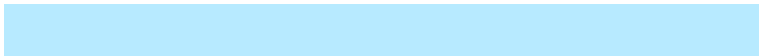
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 214, 255



227, 235, 174



183, 234, 255

# Square

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



227, 235, 174



142, 246, 252



225, 224, 255



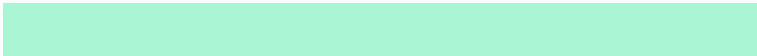
255, 209, 207

# Rectangle

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



227, 235, 174



170, 245, 211



225, 224, 255



255, 210, 248



# Sweetspot

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



227, 235, 174



252, 255, 235



235, 181, 174



126, 128, 115



0, 0, 0



128, 128, 128



# Same Dimension

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



227, 235, 174



245, 255, 176



197, 235, 174



116, 117, 106



157, 181, 0



47, 54, 0



# Inverse Universe

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



182, 174, 235



186, 176, 255



212, 174, 235



107, 106, 117



24, 0, 181

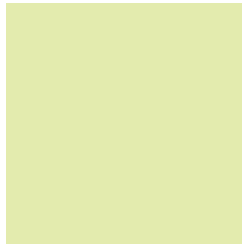


7, 0, 54



# Previews

## White Background



This preview shows how the RGB color 227, 235, 174 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 227, 235, 174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

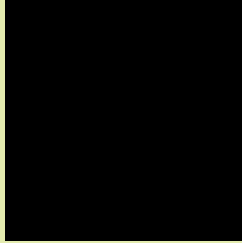
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

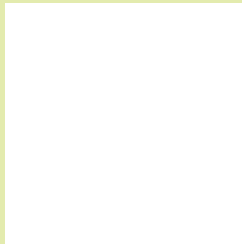
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 227, 235, 174 Background



This preview shows how black text looks on a background with the RGB color 227, 235, 174.



This preview shows how white text looks on a background with the RGB color 227, 235, 174.

# 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

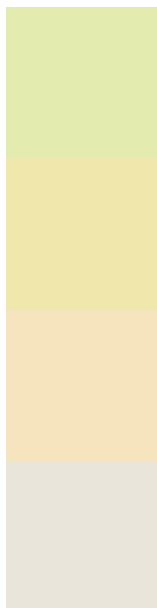




# Tritanopia

236, 226, 244

# Trichromacy



**Original Color**

227, 235, 174

**Protanomaly**

239, 231, 172

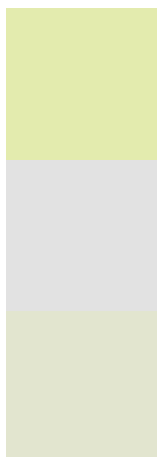
**Deuteranomaly**

245, 228, 190

**Tritanomaly**

233, 229, 219

# Monochromacy



**Original Color**

227, 235, 174

**Achromatopsia**

226, 226, 226

**Achromatomaly**

226, 229, 207

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 227, 235, 174 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(227, 235, 174)` looks like.

```
.text, #text, p{  
    color:rgb(227, 235, 174)  
}
```

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(227, 235, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 235, 174) }
```

## Border

The CSS property to change the border of an element to RGB 227, 235, 174 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(227, 235, 174) }
```

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

```
.border{ border-color:rgb(227, 235, 174) }
```

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

Here you see how a box with a 4 pixel rgb(227, 235, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 235, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 235, 174);  
box-shadow:4px 4px 4px 4px rgb(227, 235,  
174) }
```

# Background

The CSS property to change the background color of an element to RGB 227, 235, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 235, 174) }
```

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

```
.background{ background-color: rgb(227,  
235, 174) }
```

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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