

Converting Colors

RGB(235, 250, 157)

Have a look what the booklet for
RGB(235, 250, 157) contains.

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Color

RGB(235, 250, 157)

Conversions

Conversions Part 1

Format	Color
Hex	EBFA9D
RGB	235, 250, 157
RGB Percent	92%, 98%, 62%
CMY	0.0784, 0.0196, 0.3843
CMYK	0.06, 0.00, 0.37, 0.02
HSL	70°, 90%, 80%
HSV	70°, 37%, 98%
XYZ	74.5324, 88.4677, 45.0460
YIQ	234.9130, 20.9130, -32.1030

Conversions

Conversions Part 2

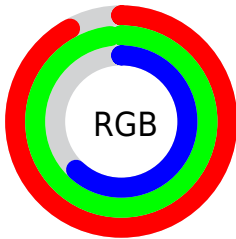
Format	Color
RYB	157, 250, 172
Decimal	15465117
CIELab	95.36, -18.91, 42.97
CIELCh	95, 46.948, 113.757
Yxy	88.4677, 0.3582, 0.4252
Android (android.graphics.Color)	4293655197 (0xFFEBFA9D)
YUV	234.9130, -38.4111, 0.0763
Hunter-Lab	94.0573, -23.1542, 37.4449

Details

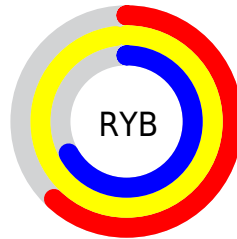
The RGB color **235, 250, 157** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **172, 157, 250**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 213**, and **178, 194, 104** is the 20% darker color. If you saturate the color by 10%, you get **231, 250, 132**, and if you desaturate by 10%, it is **239, 250, 182**.

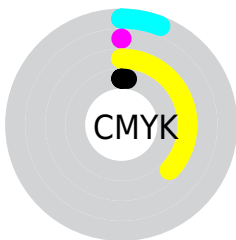
Distribution



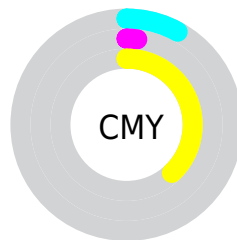
- Red (92%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 250, 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 235, 250, 157 by changing the saturation by 10% instead.

 235, 250, 157

255, 255, 255

 255, 255, 213

 255, 255, 241

 235, 250, 157

 206, 221, 130

 178, 194, 104

 150, 166, 79

 124, 140, 54

 97, 115, 28

 72, 90, 0

 48, 66, 0

 23, 44, 0

 0, 26, 0

■ 235, 250, 157

■ 235, 250, 157

■ 231, 250, 132

■ 239, 250, 182

■ 227, 250, 107

■ 243, 250, 207

■ 223, 250, 82

■ 247, 250, 232

■ 219, 250, 57

■ 251, 250, 255

■ 215, 250, 32

■ 255, 250, 255

■ 211, 250, 7

■ 210, 250, 0

Harmonies

Analogous

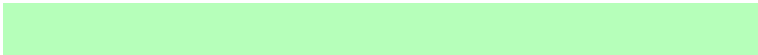
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 236, 151



235, 250, 157



182, 255, 186

Triad

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



235, 250, 157



87, 255, 255



255, 207, 253

Complementary

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



235, 250, 157



172, 157, 250

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, 217, 255



235, 250, 157



161, 249, 255

Square

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



235, 250, 157



69, 255, 255



234, 233, 255



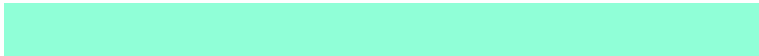
255, 209, 207

Rectangle

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



235, 250, 157



144, 255, 215



234, 233, 255



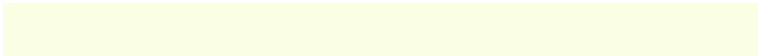
255, 210, 255

Sweetspot

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



235, 250, 157



250, 255, 227



250, 171, 157



125, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

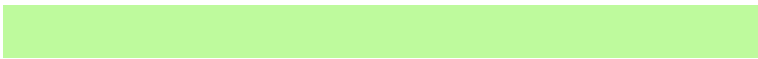
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 250, 157



236, 255, 140



190, 250, 157



123, 125, 112



158, 189, 0



51, 61, 0

Inverse Universe

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



172, 157, 250



159, 140, 255



217, 157, 250



114, 112, 125



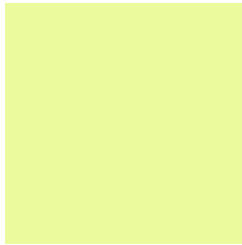
30, 0, 189



10, 0, 61

Previews

White Background



This preview shows how the RGB color 235, 250, 157 looks on a white background.

Color Contrast Check

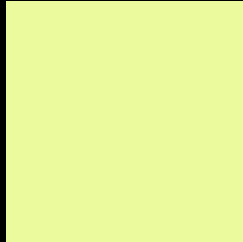
Large Text (above 18pt) WCAG AA × Fail

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 235, 250, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

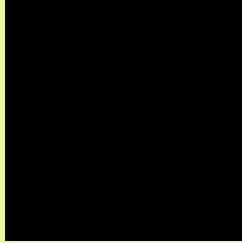
Any Text WCAG AA ✓ Pass

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 235, 250, 157 Background



This preview shows how black text looks on a background with the RGB color 235, 250, 157.


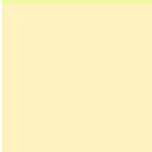
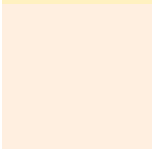


This preview shows how white text looks on a background with the RGB color 235, 250, 157.

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

	Original Color 235, 250, 157
	Protanopia 255, 241, 192
	Deuteranopia 255, 239, 224



Tritanopia

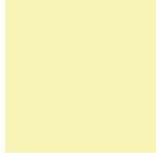
247, 238, 255

Trichromacy



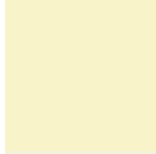
Original Color

235, 250, 157



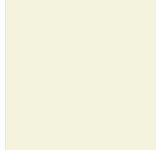
Protanomaly

248, 244, 179



Deuteranomaly

248, 243, 200



Tritanomaly

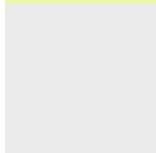
243, 242, 219

Monochromacy



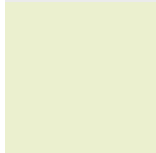
Original Color

235, 250, 157



Achromatopsia

235, 235, 235



Achromatomaly

235, 240, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 250, 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(235, 250, 157)` looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 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(235, 250, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 157) }
```

Border

The CSS property to change the border of an element to RGB 235, 250, 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(235, 250, 157) }
```

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

```
.border{ border-color:rgb(235, 250, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 250, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 157);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 235, 250, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 157) }
```

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

```
.background{ background-color: rgb(235,  
250, 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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