

Converting Colors

RGB(225, 246, 157)

Have a look what the booklet for
RGB(225, 246, 157) contains.

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Color

RGB(225, 246, 157)

Conversions

Conversions Part 1

Format	Color
Hex	E1F69D
RGB	225, 246, 157
RGB Percent	88%, 96%, 62%
CMY	0.1176, 0.0353, 0.3843
CMYK	0.09, 0.00, 0.36, 0.04
HSL	74°, 83%, 79%
HSV	74°, 36%, 96%
XYZ	70.0929, 84.3534, 44.4858
YIQ	229.5750, 16.0530, -32.1310

Conversions

Conversions Part 2

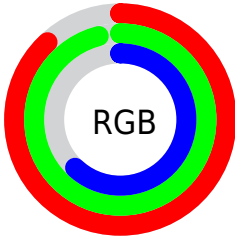
Format	Color
RYB	157, 246, 178
Decimal	14808733
CIELab	93.60, -20.70, 40.57
CIELCh	94, 45.541, 117.031
Yxy	84.3534, 0.3523, 0.4240
Android (android.graphics.Color)	4292998813 (0xFFE1F69D)
YUV	229.5750, -35.7795, -4.0123
Hunter-Lab	91.8441, -24.5009, 35.5730

Details

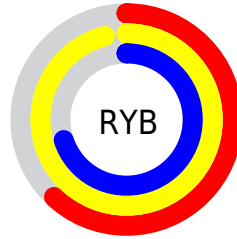
The RGB color **225, 246, 157** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **178, 157, 246**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 212**, and **169, 190, 104** is the 20% darker color. If you saturate the color by 10%, you get **219, 246, 132**, and if you desaturate by 10%, it is **231, 246, 182**.

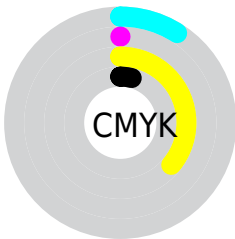
Distribution



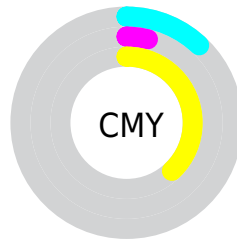
- Red (88%)
- Green (96%)
- Blue (62%)



- Red (62%)
- Yellow (96%)
- Blue (70%)



- Cyan (9%)
- Magenta (0%)
- Yellow (36%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 246, 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 225, 246, 157 by changing the saturation by 10% instead.

 225, 246, 157

255, 255, 255


 255, 255, 212

 255, 255, 241

 225, 246, 157

 196, 218, 130

 169, 190, 104


 141, 163, 79

 115, 136, 54

 89, 111, 29

 64, 86, 1

 41, 63, 0

 14, 41, 0

 0, 21, 0

 225, 246, 157

 225, 246, 157

 219, 246, 132

 231, 246, 182

 213, 246, 108


 237, 246, 206

 208, 246, 83

 242, 246, 231

 202, 246, 59

 248, 246, 255

 196, 246, 34

 254, 246, 255

 190, 246, 9

 255, 246, 255

 188, 246, 0

Harmonies

Analogous

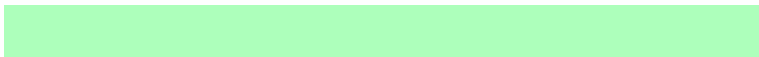
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 232, 148



225, 246, 157



173, 255, 187

Triad

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



225, 246, 157



96, 254, 255



255, 203, 243

Complementary

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



225, 246, 157



178, 157, 246

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, 212, 255



225, 246, 157



167, 242, 255

Square

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



225, 246, 157



71, 255, 255



236, 227, 255



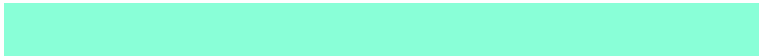
255, 206, 199

Rectangle

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



225, 246, 157



137, 255, 215



236, 227, 255



255, 205, 255

Sweetspot

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



225, 246, 157



248, 255, 227



246, 178, 157



124, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

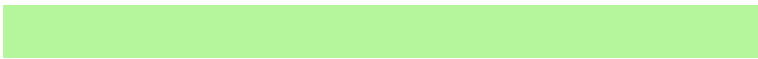
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 246, 157



229, 255, 145



181, 246, 157



120, 122, 110



142, 186, 0



45, 59, 0

Inverse Universe

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



178, 157, 246



171, 145, 255



222, 157, 246



113, 110, 122



44, 0, 186



14, 0, 59

Previews

White Background



This preview shows how the RGB color 225, 246, 157 looks on a white background.

Color Contrast Check

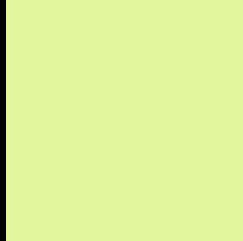
Large Text (above 18pt) WCAG AA × Fail

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 225, 246, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

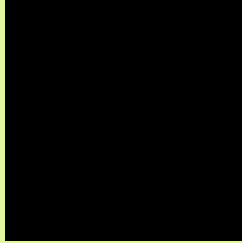
Any Text WCAG AA ✓ Pass

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 225, 246, 157 Background



This preview shows how black text looks on a background with the RGB color 225, 246, 157.

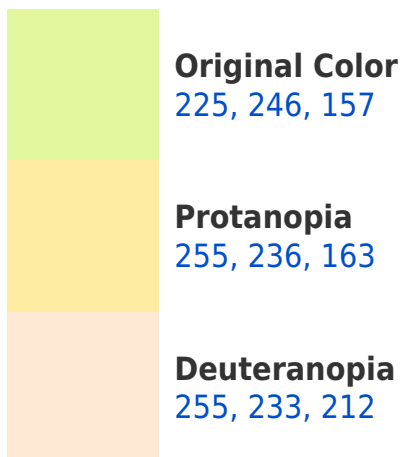


This preview shows how white text looks on a background with the RGB color 225, 246, 157.

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

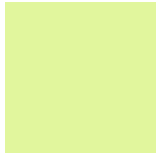




Tritanopia

237, 234, 253

Trichromacy



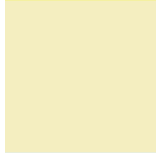
Original Color

225, 246, 157



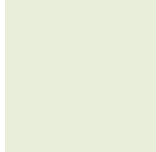
Protanomaly

244, 240, 161



Deuteranomaly

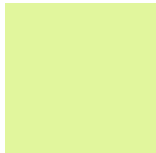
244, 238, 192



Tritanomaly

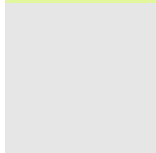
233, 238, 218

Monochromacy



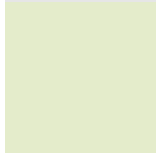
Original Color

225, 246, 157



Achromatopsia

230, 230, 230



Achromatomaly

228, 236, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 246, 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(225, 246, 157)` looks like.

```
.text, #text, p{  
    color:rgb(225, 246, 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(225, 246, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 246, 157) }
```

Border

The CSS property to change the border of an element to RGB 225, 246, 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(225, 246, 157) }
```

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

```
.border{ border-color:rgb(225, 246, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 246, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 246, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 246, 157); box-shadow:4px 4px 4px 4px rgb(225, 246, 157) }
```

Background

The CSS property to change the background color of an element to RGB 225, 246, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 246, 157) }
```

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

```
.background{ background-color: rgb(225,  
246, 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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