

Converting Colors

RGB(224, 252, 159)

Have a look what the booklet for
RGB(224, 252, 159) contains.

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Color

RGB(224, 252, 159)

Conversions

Conversions Part 1

Format	Color
Hex	E0FC9F
RGB	224, 252, 159
RGB Percent	88%, 99%, 62%
CMY	0.1216, 0.0118, 0.3765
CMYK	0.11, 0.00, 0.37, 0.01
HSL	78°, 94%, 81%
HSV	78°, 37%, 99%
XYZ	71.8089, 87.9713, 45.9963
YIQ	233.0260, 13.1650, -34.8590

Conversions

Conversions Part 2

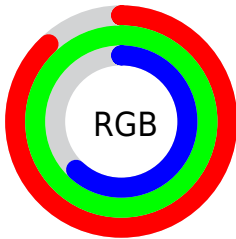
Format	Color
RYB	159, 252, 187
Decimal	14744735
CIELab	95.15, -23.70, 41.57
CIELCh	95, 47.851, 119.689
Yxy	87.9713, 0.3490, 0.4275
Android (android.graphics.Color)	4292934815 (0xFFE0FC9F)
YUV	233.0260, -36.4948, -7.9158
Hunter-Lab	93.7930, -27.4764, 36.5792

Details

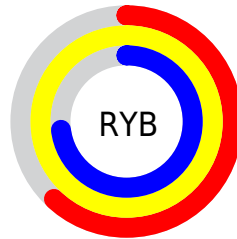
The RGB color **224, 252, 159** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **187, 159, 252**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 215**, and **168, 195, 106** is the 20% darker color. If you saturate the color by 10%, you get **216, 252, 134**, and if you desaturate by 10%, it is **232, 252, 184**.

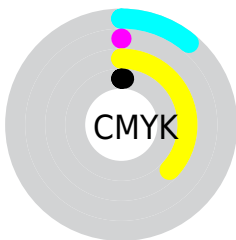
Distribution



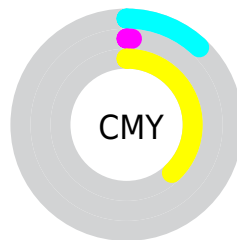
- Red (88%)
- Green (99%)
- Blue (62%)



- Red (62%)
- Yellow (99%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 252, 159 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 224, 252, 159 by changing the saturation by 10% instead.

 224, 252, 159

255, 255, 255


 255, 255, 215

 255, 255, 243

 224, 252, 159

 195, 223, 132

 168, 195, 106

 140, 168, 81

 114, 142, 56

 88, 116, 31

 63, 91, 1

 39, 68, 0

 12, 45, 0

 0, 27, 0

 224, 252, 159


 224, 252, 159

 216, 252, 134


 232, 252, 184

 209, 252, 109


 239, 252, 209

 201, 252, 83

 247, 252, 235

 194, 252, 58

 254, 252, 255

 186, 252, 33

 255, 252, 255

 178, 252, 8

 176, 252, 0

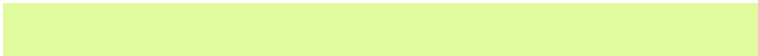
Harmonies

Analogous

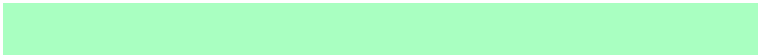
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 238, 148



224, 252, 159



169, 255, 193

Triad

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



224, 252, 159



93, 255, 255



255, 205, 243

Complementary

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



224, 252, 159



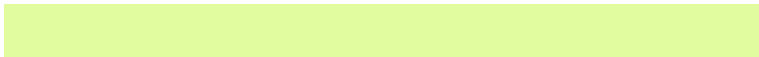
187, 159, 252

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



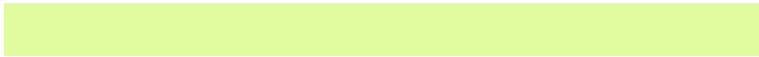
224, 252, 159



174, 246, 255

Square

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



224, 252, 159



52, 255, 255



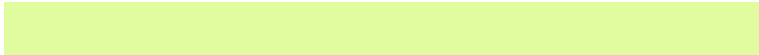
246, 229, 255



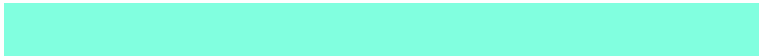
255, 209, 198

Rectangle

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



224, 252, 159



129, 255, 223



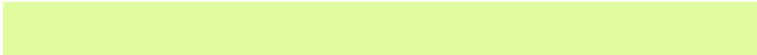
246, 229, 255



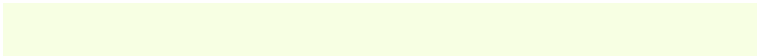
255, 207, 255

Sweetspot

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



224, 252, 159



247, 255, 227



252, 187, 159



123, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

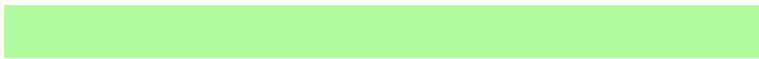
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 252, 159



221, 255, 143



178, 252, 159



121, 125, 112



132, 189, 0



43, 61, 0

Inverse Universe

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



187, 159, 252



177, 143, 255



233, 159, 252



116, 112, 125



57, 0, 189



18, 0, 61

Previews

White Background



This preview shows how the RGB color 224, 252, 159 looks on a white background.

Color Contrast Check

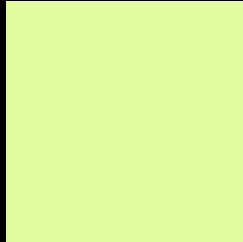
Large Text (above 18pt) WCAG AA × Fail

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 224, 252, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

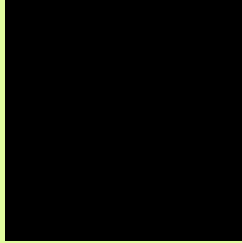
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

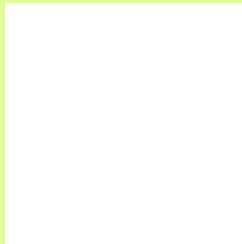
Any Text WCAG AAA ✓ Pass

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

RGB 224, 252, 159 Background



This preview shows how black text looks on a background with the RGB color 224, 252, 159.

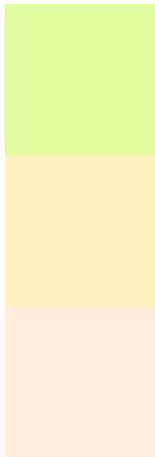


This preview shows how white text looks on a background with the RGB color 224, 252, 159.

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
224, 252, 159

Protanopia
255, 241, 189

Deuteranopia
255, 238, 222



Tritanopia

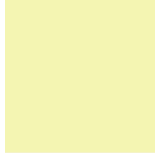
238, 240, 255

Trichromacy



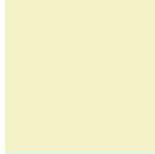
Original Color

224, 252, 159



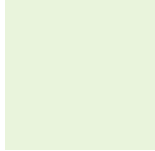
Protanomaly

244, 245, 178



Deuteranomaly

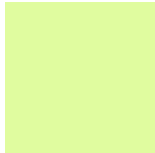
244, 243, 199



Tritanomaly

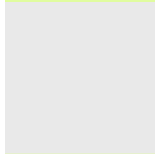
233, 244, 220

Monochromacy



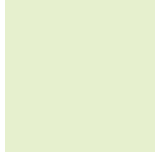
Original Color

224, 252, 159



Achromatopsia

233, 233, 233



Achromatomaly

230, 240, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 252, 159 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(224, 252, 159)` looks like.

```
.text, #text, p{  
    color:rgb(224, 252, 159)  
}
```

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(224, 252, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 252, 159) }
```

Border

The CSS property to change the border of an element to RGB 224, 252, 159 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(224, 252, 159) }
```

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

```
.border{ border-color:rgb(224, 252, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 252, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 252, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 252, 159);  
box-shadow:4px 4px 4px 4px rgb(224, 252,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 224, 252, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 252, 159) }
```

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

```
.background{ background-color: rgb(224,  
252, 159) }
```

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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