

Converting Colors

RGB(224, 255, 161)

Have a look what the booklet for
RGB(224, 255, 161) contains.

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Color

RGB(224, 255, 161)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0FFA1 |
| RGB | 224, 255, 161 |
| RGB Percent | 88%, 100%, 63% |
| CMY | 0.1216, 0.0000, 0.3686 |
| CMYK | 0.12, 0.00, 0.37, 0.00 |
| HSL | 80°, 100%, 82% |
| HSV | 80°, 37%, 100% |
| XYZ | 72.9335, 89.9405, 47.2345 |
| YIQ | 235.0150, 11.6980, -35.8060 |

Conversions

Conversions Part 2

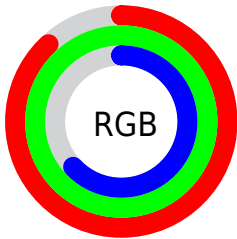
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 161, 255, 192 |
| Decimal | 14745505 |
| CIELab | 95.97, -24.88, 41.65 |
| CIELCh | 96, 48.521, 120.854 |
| Yxy | 89.9405, 0.3471, 0.4281 |
| Android (android.graphics.Color) | 4292935585 (0xFFE0FFA1) |
| YUV | 235.0150, -36.4894, -9.6602 |
| Hunter-Lab | 94.8370, -28.6909, 36.8559 |

Details

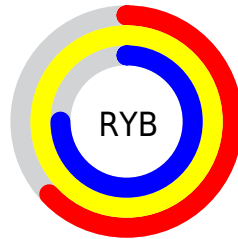
The RGB color **224, 255, 161** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **192, 161, 255**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 217**, and **168, 198, 108** is the 20% darker color. If you saturate the color by 10%, you get **216, 255, 135**, and if you desaturate by 10%, it is **232, 255, 187**.

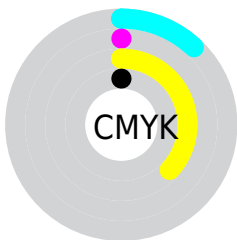
Distribution



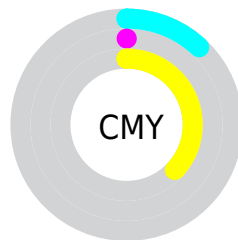
- Red (88%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 255, 161 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, 255, 161 by changing the saturation by 10% instead.

 224, 255, 161

255, 255, 255

 255, 255, 217

 255, 255, 246

 224, 255, 161

 195, 226, 134

 168, 198, 108


 140, 171, 83

 114, 144, 58

 88, 119, 32

 62, 94, 3

 38, 70, 0

 11, 47, 0

 0, 29, 0

■ 224, 255, 161

■ 224, 255, 161

■ 216, 255, 135

■ 232, 255, 187

■ 207, 255, 110

■ 241, 255, 212

■ 199, 255, 84

■ 249, 255, 238

■ 190, 255, 59

255, 255, 255

■ 182, 255, 33

■ 174, 255, 8

■ 171, 255, 0

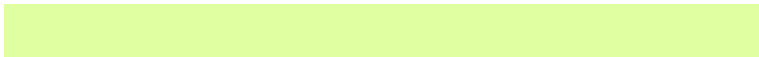
Harmonies

Analogous

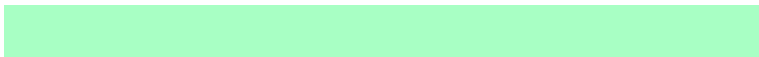
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 241, 149



224, 255, 161



168, 255, 196

Triad

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



224, 255, 161



95, 255, 255



255, 207, 244

Complementary

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



224, 255, 161



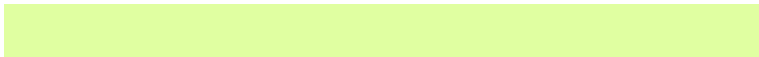
192, 161, 255

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, 215, 255



224, 255, 161



178, 248, 255

Square

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



224, 255, 161



47, 255, 255



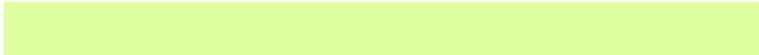
251, 231, 255



255, 211, 198

Rectangle

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



224, 255, 161



126, 255, 227



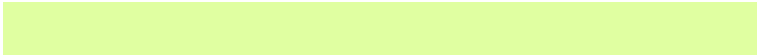
251, 231, 255



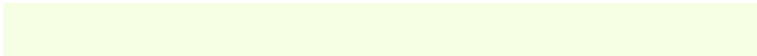
255, 208, 255

Sweetspot

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



224, 255, 161



246, 255, 227



255, 191, 161



122, 128, 111



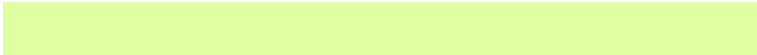
0, 0, 0



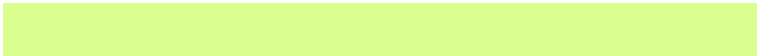
128, 128, 128

Same Dimension

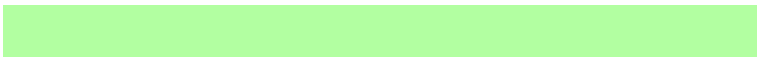
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 255, 161



218, 255, 143



178, 255, 161



123, 128, 115



128, 191, 0



43, 64, 0

Inverse Universe

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



192, 161, 255



180, 143, 255



238, 161, 255



119, 115, 128



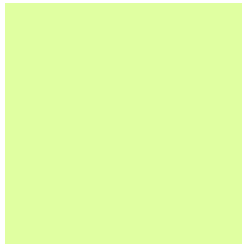
63, 0, 191



21, 0, 64

Previews

White Background



This preview shows how the RGB color 224, 255, 161 looks on a white background.

Color Contrast Check

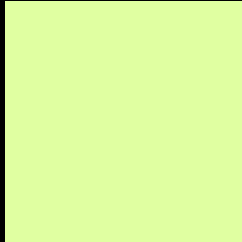
Large Text (above 18pt) WCAG AA × Fail

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, 255, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

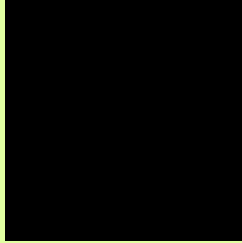
Any Text WCAG AA ✓ Pass

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, 255, 161 Background



This preview shows how black text looks on a background with the RGB color 224, 255, 161.

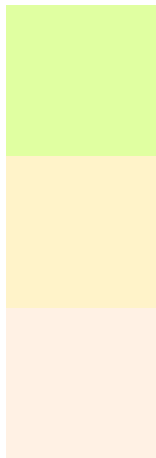


This preview shows how white text looks on a background with the RGB color 224, 255, 161.

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, 255, 161

Protanopia
255, 243, 201

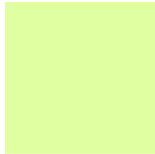
Deuteranopia
255, 241, 228



Tritanopia

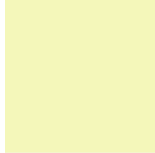
240, 243, 255

Trichromacy



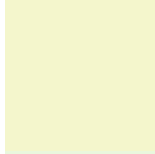
Original Color

224, 255, 161



Protanomaly

244, 247, 186



Deuteranomaly

244, 246, 204



Tritanomaly

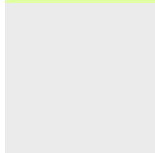
234, 247, 221

Monochromacy



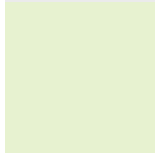
Original Color

224, 255, 161



Achromatopsia

235, 235, 235



Achromatomaly

231, 242, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 255, 161 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, 255, 161)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 161)  
}
```

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, 255, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 161) }
```

Border

The CSS property to change the border of an element to RGB 224, 255, 161 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, 255, 161) }
```

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

```
.border{ border-color:rgb(224, 255, 161) }
```

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

Here you see how a box with a 4 pixel rgb(224, 255, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 161);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 224, 255, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 161) }
```

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

```
.background{ background-color: rgb(224,  
255, 161) }
```

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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