

Converting Colors

RGB(232, 247, 161)

Have a look what the booklet for
RGB(232, 247, 161) contains.

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Color

RGB(232, 247, 161)

Conversions

Conversions Part 1

Format	Color
Hex	E8F7A1
RGB	232, 247, 161
RGB Percent	91%, 97%, 63%
CMY	0.0902, 0.0314, 0.3686
CMYK	0.06, 0.00, 0.35, 0.03
HSL	70°, 84%, 80%
HSV	70°, 35%, 97%
XYZ	72.9725, 86.2505, 46.5202
YIQ	232.7110, 18.6660, -29.9260

Conversions

Conversions Part 2

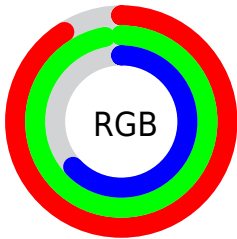
Format	Color
RYB	161, 247, 176
Decimal	15267745
CIELab	94.42, -18.11, 39.74
CIELCh	94, 43.675, 114.496
Yxy	86.2505, 0.3547, 0.4192
Android (android.graphics.Color)	4293457825 (0xFFE8F7A1)
YUV	232.7110, -35.3535, -0.6235
Hunter-Lab	92.8712, -22.2701, 35.3108

Details

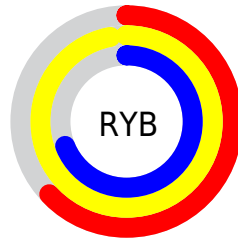
The RGB color **232, 247, 161** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **176, 161, 247**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 217**, and **175, 191, 108** is the 20% darker color. If you saturate the color by 10%, you get **228, 247, 136**, and if you desaturate by 10%, it is **236, 247, 186**.

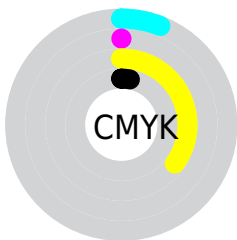
Distribution



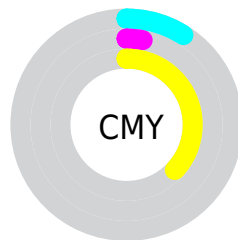
- Red (91%)
- Green (97%)
- Blue (63%)



- Red (63%)
- Yellow (97%)
- Blue (69%)



- Cyan (6%)
- Magenta (0%)
- Yellow (35%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 247, 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 232, 247, 161 by changing the saturation by 10% instead.

 232, 247, 161

255, 255, 255


 255, 255, 217


 255, 255, 245

 232, 247, 161

 203, 219, 134

 175, 191, 108

 148, 164, 83

 121, 137, 58

 95, 112, 34

 70, 87, 6

 47, 64, 0

 22, 42, 0

 0, 24, 0

■ 232, 247, 161

■ 232, 247, 161

■ 228, 247, 136

■ 236, 247, 186

■ 223, 247, 112

■ 241, 247, 210

■ 219, 247, 87

■ 245, 247, 235

■ 215, 247, 62

■ 249, 247, 255

■ 210, 247, 37

■ 254, 247, 255

■ 206, 247, 13

■ 255, 247, 255

■ 204, 247, 0

Harmonies

Analogous

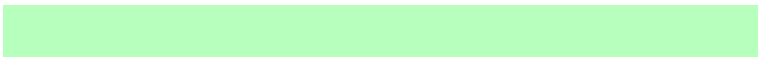
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 234, 155



232, 247, 161



183, 255, 189

Triad

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



232, 247, 161



107, 255, 255



255, 207, 249

Complementary

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



232, 247, 161



176, 161, 247

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, 216, 255



232, 247, 161



168, 245, 255

Square

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



232, 247, 161



91, 255, 255



233, 231, 255



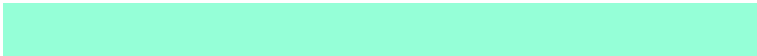
255, 209, 206

Rectangle

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



232, 247, 161



149, 255, 215



233, 231, 255



255, 209, 255

Sweetspot

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



232, 247, 161



251, 255, 230



247, 175, 161



125, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

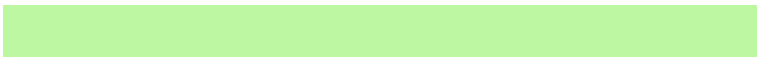
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 247, 161



236, 255, 148



190, 247, 161



120, 122, 110



154, 186, 0



48, 59, 0

Inverse Universe

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



176, 161, 247



167, 148, 255



218, 161, 247



112, 110, 122



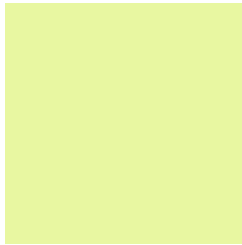
32, 0, 186



10, 0, 59

Previews

White Background



This preview shows how the RGB color 232, 247, 161 looks on a white background.

Color Contrast Check

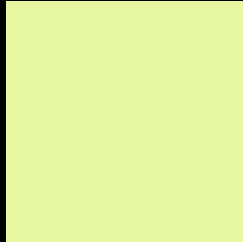
Large Text (above 18pt) WCAG AA × Fail

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 232, 247, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

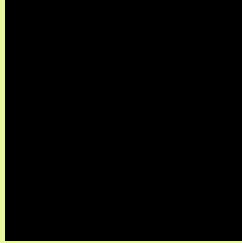
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

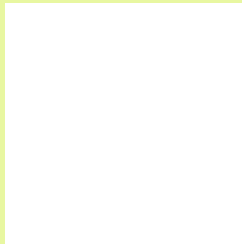
Any Text WCAG AAA ✓ Pass

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

RGB 232, 247, 161 Background



This preview shows how black text looks on a background with the RGB color 232, 247, 161.

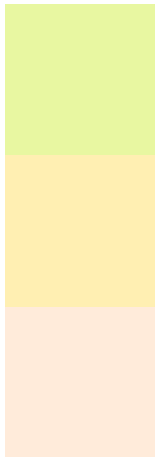


This preview shows how white text looks on a background with the RGB color 232, 247, 161.

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
232, 247, 161

Protanopia
255, 239, 178

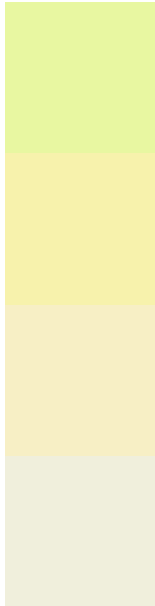
Deuteranopia
255, 235, 218



Tritanopia

244, 235, 254

Trichromacy



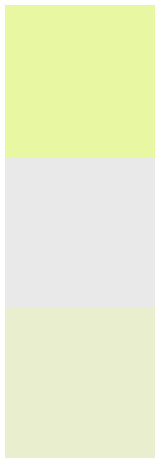
Original Color
232, 247, 161

Protanomaly
247, 242, 172

Deuteranomaly
247, 239, 197

Tritanomaly
240, 239, 220

Monochromacy



Original Color
232, 247, 161

Achromatopsia
233, 233, 233

Achromatomaly
233, 238, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 247, 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(232, 247, 161)` looks like.

```
.text, #text, p{  
    color:rgb(232, 247, 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(232, 247, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 247, 161) }
```

Border

The CSS property to change the border of an element to RGB 232, 247, 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(232, 247, 161) }
```

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

```
.border{ border-color:rgb(232, 247, 161) }
```

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

Here you see how a box with a 4 pixel rgb(232, 247, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 247, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 247, 161);  
box-shadow:4px 4px 4px 4px rgb(232, 247,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 232, 247, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 247, 161) }
```

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

```
.background{ background-color: rgb(232,  
247, 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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