

Converting Colors

RGB(233, 241, 168)

Have a look what the booklet for
RGB(233, 241, 168) contains.

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Color

RGB(233, 241, 168)

Conversions

Conversions Part 1

Format	Color
Hex	E9F1A8
RGB	233, 241, 168
RGB Percent	91%, 95%, 66%
CMY	0.0863, 0.0549, 0.3412
CMYK	0.03, 0.00, 0.30, 0.05
HSL	67°, 72%, 80%
HSV	67°, 30%, 95%
XYZ	72.1275, 83.0614, 49.2767
YIQ	230.2860, 18.6650, -24.3990

Conversions

Conversions Part 2

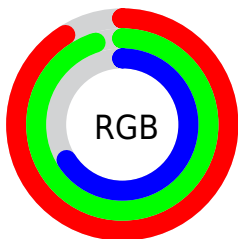
Format	Color
RYB	168, 241, 176
Decimal	15331752
CIELab	93.04, -13.94, 34.45
CIElCh	93, 37.164, 112.036
Yxy	83.0614, 0.3528, 0.4062
Android (android.graphics.Color)	4293521832 (0xFFE9F1A8)
YUV	230.2860, -30.7070, 2.3802
Hunter-Lab	91.1380, -18.2250, 31.7396

Details

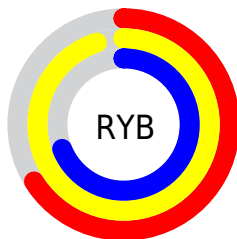
The RGB color **233, 241, 168** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **176, 168, 241**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 224**, and **176, 185, 115** is the 20% darker color. If you saturate the color by 10%, you get **230, 241, 144**, and if you desaturate by 10%, it is **236, 241, 192**.

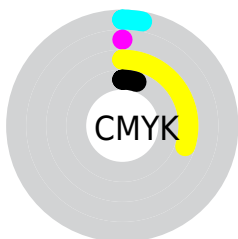
Distribution



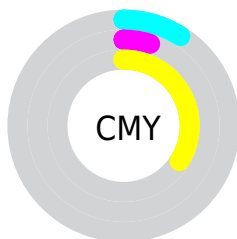
- Red (91%)
- Green (95%)
- Blue (66%)



- Red (66%)
- Yellow (95%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 241, 168 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 233, 241, 168 by changing the saturation by 10% instead.

 233, 241, 168

255, 255, 255


 255, 255, 224


255, 255, 253


 233, 241, 168

 204, 213, 141

 176, 185, 115

 149, 158, 90

 123, 132, 66

 97, 107, 42

 72, 83, 18

 49, 60, 0

 25, 38, 0

 0, 19, 0

 233, 241, 168


 233, 241, 168

 230, 241, 144

 236, 241, 192

 228, 241, 120


 238, 241, 216

 225, 241, 96

 241, 241, 240

 222, 241, 72


 244, 241, 255

 220, 241, 48

 246, 241, 255

 217, 241, 23

 249, 241, 255

 215, 241, 0

 251, 241, 255

 254, 241, 255

 255, 241, 255

Harmonies

Analogous

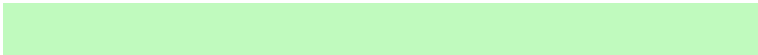
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 229, 164



233, 241, 168



192, 250, 190

Triad

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



233, 241, 168



132, 250, 255



255, 209, 246

Complementary

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



233, 241, 168



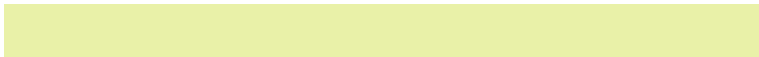
176, 168, 241

Split Complementary

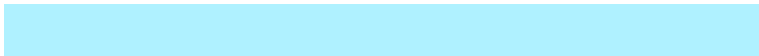
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 217, 255



233, 241, 168



175, 241, 255

Square

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



233, 241, 168



124, 255, 255



227, 229, 255



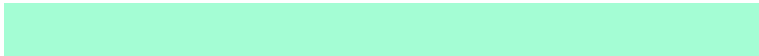
255, 210, 210

Rectangle

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



233, 241, 168



164, 253, 212



227, 229, 255



255, 211, 255

Sweetspot

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



233, 241, 168



252, 255, 232



241, 175, 168



126, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

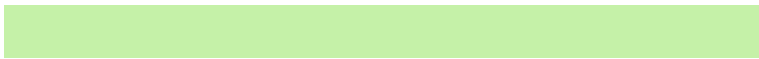
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233, 241, 168



245, 255, 163



197, 241, 168



119, 120, 108



163, 184, 0



50, 56, 0

Inverse Universe

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



176, 168, 241



173, 163, 255



212, 168, 241



109, 108, 120



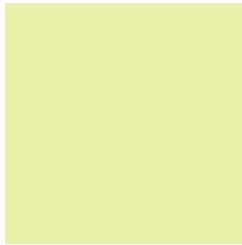
20, 0, 184



6, 0, 56

Previews

White Background



This preview shows how the RGB color 233, 241, 168 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 233, 241, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

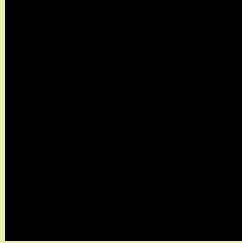
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

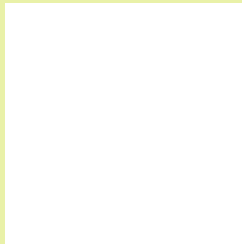
Any Text WCAG AAA ✓ Pass

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

RGB 233, 241, 168 Background



This preview shows how black text looks on a background with the RGB color 233, 241, 168.


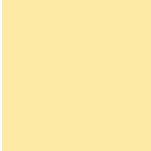
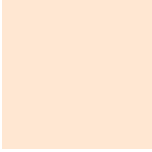


This preview shows how white text looks on a background with the RGB color 233, 241, 168.

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

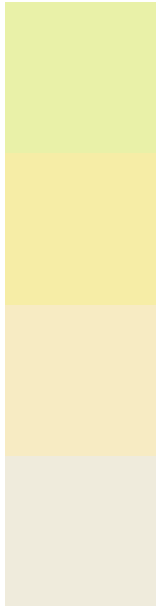
	Original Color 233, 241, 168
	Protanopia 253, 235, 165
	Deuteranopia 255, 231, 210



Tritanopia

243, 231, 249

Trichromacy



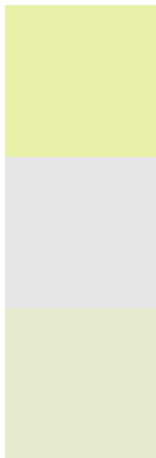
Original Color
233, 241, 168

Protanomaly
246, 237, 166

Deuteranomaly
247, 235, 195

Tritanomaly
239, 235, 220

Monochromacy



Original Color
233, 241, 168

Achromatopsia
230, 230, 230

Achromatomaly
231, 234, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 241, 168 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(233, 241, 168)` looks like.

```
.text, #text, p{  
    color:rgb(233, 241, 168)  
}
```

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(233, 241, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 241, 168) }
```

Border

The CSS property to change the border of an element to RGB 233, 241, 168 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(233, 241, 168) }
```

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

```
.border{ border-color:rgb(233, 241, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 241, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 241, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 241, 168);  
box-shadow:4px 4px 4px 4px rgb(233, 241,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 233, 241, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 241, 168) }
```

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

```
.background{ background-color: rgb(233,  
241, 168) }
```

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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