

Converting Colors

RGB(235, 255, 181)

Have a look what the booklet for
RGB(235, 255, 181) contains.

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Color

RGB(235, 255, 181)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFB5
RGB	235, 255, 181
RGB Percent	92%, 100%, 71%
CMY	0.0784, 0.0000, 0.2902
CMYK	0.08, 0.00, 0.29, 0.00
HSL	76°, 100%, 85%
HSV	76°, 29%, 100%
XYZ	78.3614, 92.5184, 57.4438
YIQ	240.5840, 11.8340, -27.2540

Conversions

Conversions Part 2

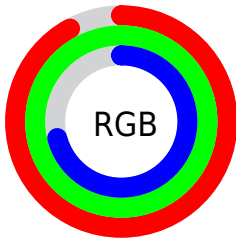
Format	Color
RYB	181, 255, 201
Decimal	15466421
CIELab	97.03, -18.37, 33.28
CIELCh	97, 38.008, 118.895
Yxy	92.5184, 0.3432, 0.4052
Android (android.graphics.Color)	4293656501 (0xFFEBFFB5)
YUV	240.5840, -29.3749, -4.8972
Hunter-Lab	96.1865, -22.9055, 31.9218

Details

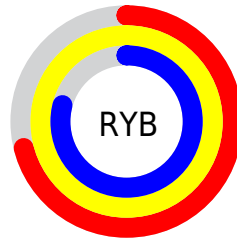
The RGB color **235, 255, 181** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **201, 181, 255**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 237**, and **179, 198, 127** is the 20% darker color. If you saturate the color by 10%, you get **228, 255, 156**, and if you desaturate by 10%, it is **242, 255, 207**.

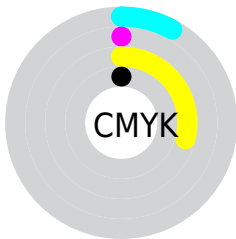
Distribution



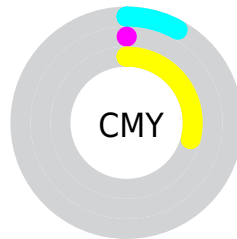
- Red (92%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 255, 181 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 235, 255, 181 by changing the saturation by 10% instead.

 235, 255, 181


255, 255, 255

 255, 255, 237

 235, 255, 181

 206, 226, 154

 179, 198, 127

 151, 171, 102

 125, 144, 77

 99, 119, 53

 74, 94, 30

 50, 70, 5

 28, 48, 0

 0, 28, 0

■ 235, 255, 181

■ 235, 255, 181

■ 228, 255, 156

■ 242, 255, 207

■ 221, 255, 130

■ 249, 255, 232

■ 214, 255, 105

255, 255, 255

■ 207, 255, 79

■ 201, 255, 54

■ 194, 255, 28

■ 187, 255, 3

■ 186, 255, 0

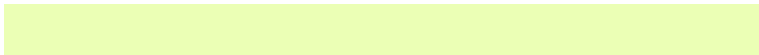
Harmonies

Analogous

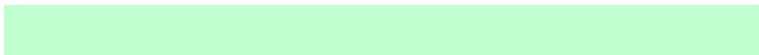
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 244, 173



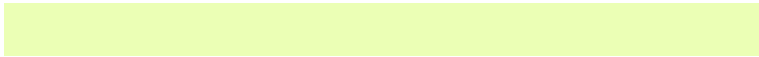
235, 255, 181



192, 255, 207

Triad

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



235, 255, 181



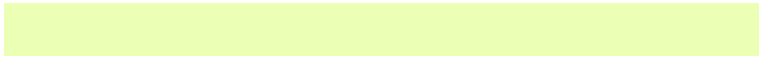
149, 255, 255



255, 219, 249

Complementary

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



235, 255, 181



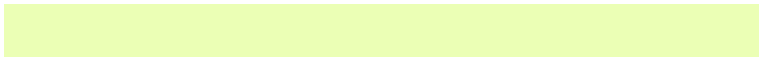
201, 181, 255

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, 226, 255



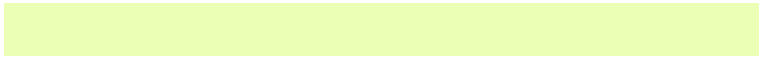
235, 255, 181



197, 250, 255

Square

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



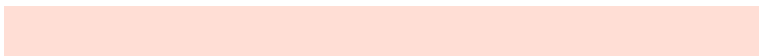
235, 255, 181



130, 255, 255



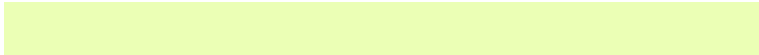
250, 237, 255



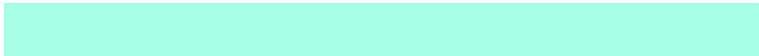
255, 222, 213

Rectangle

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



235, 255, 181



165, 255, 231



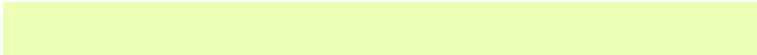
250, 237, 255



255, 220, 255

Sweetspot

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



235, 255, 181



249, 255, 232



255, 201, 181



124, 128, 113



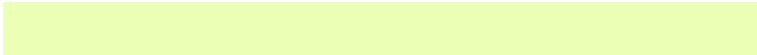
0, 0, 0



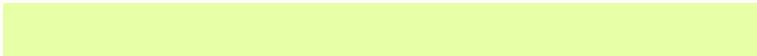
128, 128, 128

Same Dimension

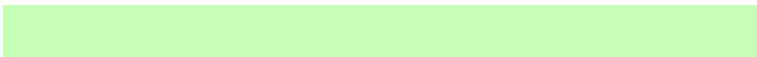
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 255, 181



231, 255, 166



198, 255, 181



124, 128, 115



140, 191, 0



47, 64, 0

Inverse Universe

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



201, 181, 255



190, 166, 255



238, 181, 255



118, 115, 128



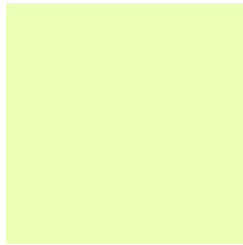
52, 0, 191



17, 0, 64

Previews

White Background



This preview shows how the RGB color 235, 255, 181 looks on a white background.

Color Contrast Check

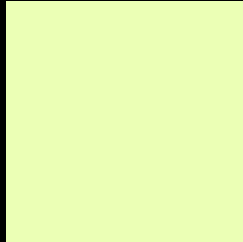
Large Text (above 18pt) WCAG AA × Fail

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 235, 255, 181 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

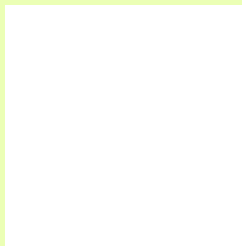
Any Text WCAG AAA ✓ Pass

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

RGB 235, 255, 181 Background



This preview shows how black text looks on a background with the RGB color 235, 255, 181.



This preview shows how white text looks on a background with the RGB color 235, 255, 181.

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

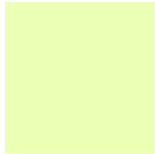
	Original Color 235, 255, 181
	Protanopia 255, 246, 218
	Deuteranopia 255, 244, 236



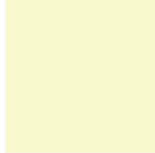
Tritanopia

246, 245, 255

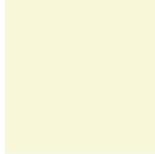
Trichromacy



Original Color
235, 255, 181



Protanomaly
248, 249, 205

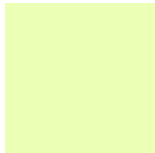


Deuteranomaly
248, 248, 216

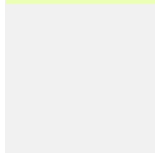


Tritanomaly
242, 249, 228

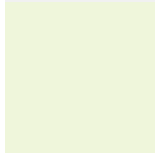
Monochromacy



Original Color
235, 255, 181



Achromatopsia
241, 241, 241



Achromatomaly
239, 246, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 255, 181 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(235, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 181)  
}
```

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(235, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 181) }
```

Border

The CSS property to change the border of an element to RGB 235, 255, 181 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(235, 255, 181) }
```

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

```
.border{ border-color:rgb(235, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 235, 255, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 181) }
```

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

```
.background{ background-color: rgb(235,  
255, 181) }
```

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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