

Converting Colors

RGB(231, 255, 186)

Have a look what the booklet for
RGB(231, 255, 186) contains.

RGB(231, 255, 186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(231, 255, 186)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFBA
RGB	231, 255, 186
RGB Percent	91%, 100%, 73%
CMY	0.0941, 0.0000, 0.2706
CMYK	0.09, 0.00, 0.27, 0.00
HSL	81°, 100%, 86%
HSV	81°, 27%, 100%
XYZ	77.5779, 92.0541, 60.1338
YIQ	239.9580, 7.8450, -26.5470

Conversions

Conversions Part 2

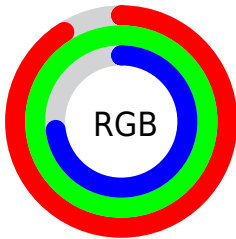
Format	Color
RYB	186, 255, 210
Decimal	15204282
CIELab	96.84, -19.12, 30.47
CIELCh	97, 35.967, 122.109
Yxy	92.0541, 0.3376, 0.4006
Android (android.graphics.Color)	4293394362 (0xFFE7FFBA)
YUV	239.9580, -26.6013, -7.8562
Hunter-Lab	95.9448, -23.5740, 30.0011

Details

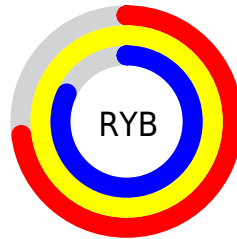
The RGB color **231, 255, 186** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **210, 186, 255**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 242**, and **175, 198, 132** is the 20% darker color. If you saturate the color by 10%, you get **222, 255, 161**, and if you desaturate by 10%, it is **240, 255, 211**.

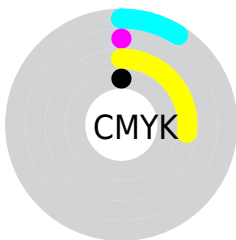
Distribution



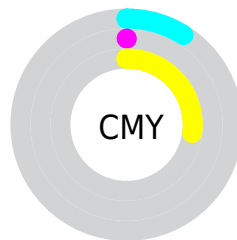
- Red (91%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 255, 186 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 231, 255, 186 by changing the saturation by 10% instead.

 231, 255, 186

255, 255, 255


 255, 255, 242

 231, 255, 186


 203, 226, 159

 175, 198, 132

 148, 171, 107

 121, 144, 82

 96, 119, 58

 71, 94, 35

 47, 70, 11

 26, 48, 0

 0, 28, 0

231, 255, 186

231, 255, 186

222, 255, 161

240, 255, 211

213, 255, 135

249, 255, 237

204, 255, 109

255, 255, 255

196, 255, 84

187, 255, 58

178, 255, 33

169, 255, 8

166, 255, 0

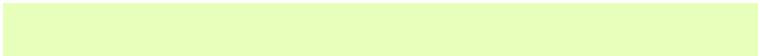
Harmonies

Analogous

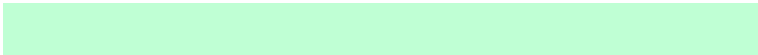
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 244, 176



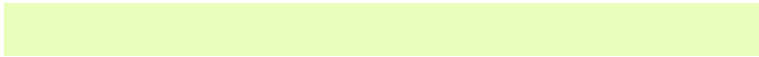
231, 255, 186



191, 255, 212

Triad

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



231, 255, 186



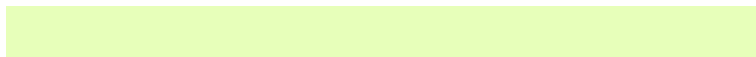
160, 255, 255



255, 220, 245

Complementary

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



231, 255, 186



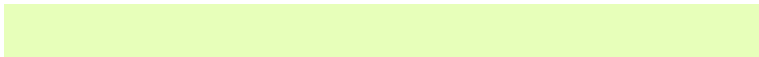
210, 186, 255

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, 225, 255



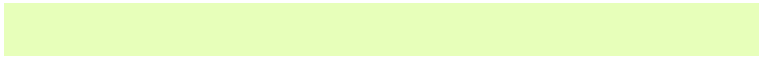
231, 255, 186



205, 248, 255

Square

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



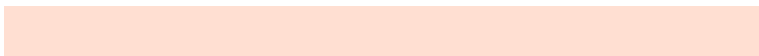
231, 255, 186



139, 255, 255



254, 236, 255



255, 223, 210

Rectangle

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



231, 255, 186



166, 255, 235



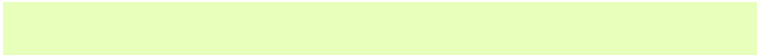
254, 236, 255



255, 221, 255

Sweetspot

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



231, 255, 186



248, 255, 235



255, 209, 186



123, 128, 115



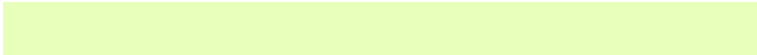
0, 0, 0



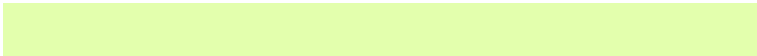
128, 128, 128

Same Dimension

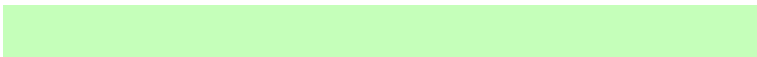
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 255, 186



227, 255, 173



197, 255, 186



123, 128, 115



125, 191, 0



42, 64, 0

Inverse Universe

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



210, 186, 255



202, 173, 255



244, 186, 255



119, 115, 128



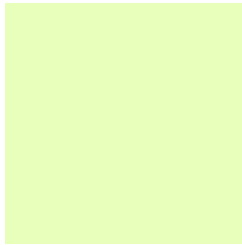
67, 0, 191



22, 0, 64

Previews

White Background



This preview shows how the RGB color 231, 255, 186 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 231, 255, 186 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

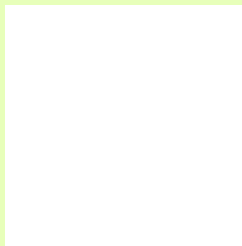
Any Text WCAG AAA ✓ Pass

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

RGB 231, 255, 186 Background



This preview shows how black text looks on a background with the RGB color 231, 255, 186.

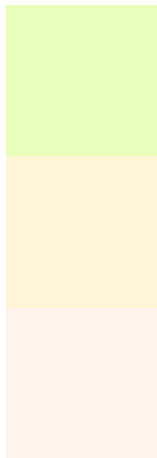


This preview shows how white text looks on a background with the RGB color 231, 255, 186.

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
231, 255, 186

Protanopia
255, 245, 215

Deuteranopia
255, 244, 235



Tritanopia

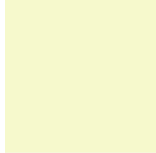
244, 245, 255

Trichromacy



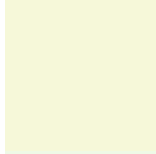
Original Color

231, 255, 186



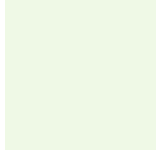
Protanomaly

246, 249, 204



Deuteranomaly

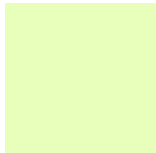
246, 248, 217



Tritanomaly

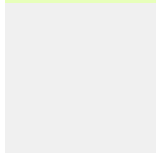
239, 249, 230

Monochromacy



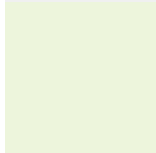
Original Color

231, 255, 186



Achromatopsia

240, 240, 240



Achromatomaly

237, 245, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 255, 186 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(231, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 186)  
}
```

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(231, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 186) }
```

Border

The CSS property to change the border of an element to RGB 231, 255, 186 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(231, 255, 186) }
```

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

```
.border{ border-color:rgb(231, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 255, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 255, 186); box-shadow:4px 4px 4px 4px rgb(231, 255, 186) }
```

Background

The CSS property to change the background color of an element to RGB 231, 255, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 186) }
```

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

```
.background{ background-color: rgb(231,  
255, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor