

Converting Colors

RGB(230, 253, 187)

Have a look what the booklet for
RGB(230, 253, 187) contains.

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Color

RGB(230, 253, 187)

Conversions

Conversions Part 1

Format	Color
Hex	E6FDBB
RGB	230, 253, 187
RGB Percent	90%, 99%, 73%
CMY	0.0980, 0.0078, 0.2667
CMYK	0.09, 0.00, 0.26, 0.01
HSL	81°, 94%, 86%
HSV	81°, 26%, 99%
XYZ	76.7280, 90.6614, 60.4691
YIQ	238.5990, 7.4780, -25.4020

Conversions

Conversions Part 2

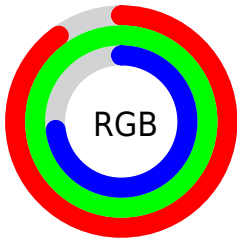
Format	Color
RYB	187, 253, 210
Decimal	15138235
CIELab	96.27, -18.36, 29.18
CIELCh	96, 34.474, 122.189
Yxy	90.6614, 0.3367, 0.3979
Android (android.graphics.Color)	4293328315 (0xFFE6FDBB)
YUV	238.5990, -25.4383, -7.5413
Hunter-Lab	95.2163, -22.7880, 28.9980

Details

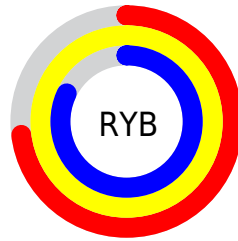
The RGB color **230, 253, 187** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **210, 187, 253**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 243**, and **174, 196, 133** is the 20% darker color. If you saturate the color by 10%, you get **221, 253, 162**, and if you desaturate by 10%, it is **239, 253, 212**.

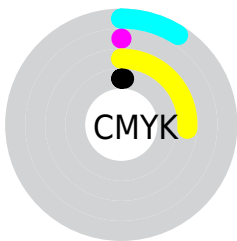
Distribution



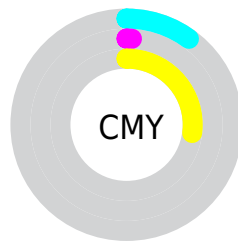
- Red (90%)
- Green (99%)
- Blue (73%)



- Red (73%)
- Yellow (99%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 253, 187 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 230, 253, 187 by changing the saturation by 10% instead.


 230, 253, 187

255, 255, 255


 255, 255, 243

 230, 253, 187


 202, 224, 160

 174, 196, 133

 147, 169, 108

 121, 143, 83

 95, 117, 59

 71, 92, 36

 47, 69, 13

 26, 46, 0

 0, 27, 0

■ 230, 253, 187

■ 230, 253, 187

■ 221, 253, 162

■ 239, 253, 212

■ 212, 253, 136

■ 248, 253, 238

■ 204, 253, 111

■ 255, 253, 255

■ 195, 253, 86

■ 186, 253, 60

■ 177, 253, 35

■ 168, 253, 10

■ 165, 253, 0

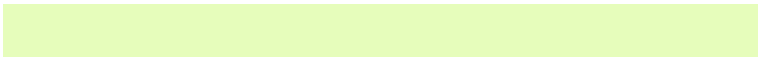
Harmonies

Analogous

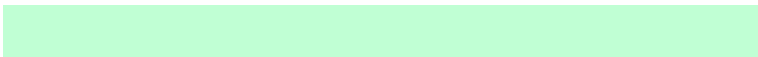
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 243, 177



230, 253, 187



192, 255, 212

Triad

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



230, 253, 187



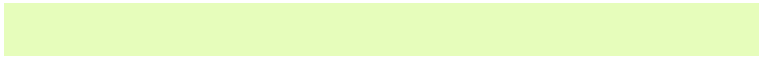
163, 255, 255



255, 220, 243

Complementary

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



230, 253, 187



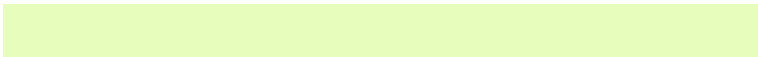
210, 187, 253

Split Complementary

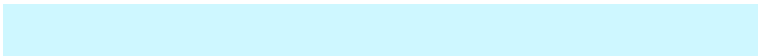
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 255



230, 253, 187



206, 247, 255

Square

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



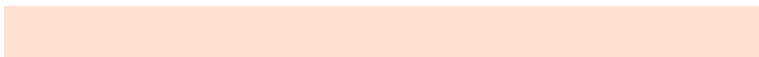
230, 253, 187



144, 255, 255



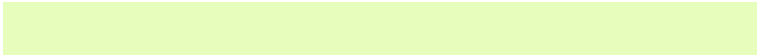
253, 235, 255



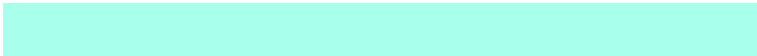
255, 223, 210

Rectangle

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



230, 253, 187



168, 255, 234



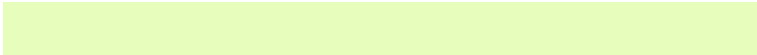
253, 235, 255



255, 221, 254

Sweetspot

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



230, 253, 187



248, 255, 235



253, 209, 187



123, 128, 115



0, 0, 0



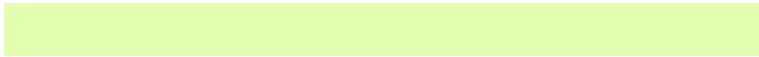
128, 128, 128

Same Dimension

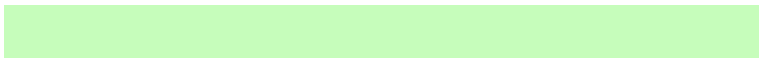
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 253, 187



227, 255, 176



198, 253, 187



123, 128, 115



125, 191, 0



42, 64, 0

Inverse Universe

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



210, 187, 253



203, 176, 255



242, 187, 253



119, 115, 128



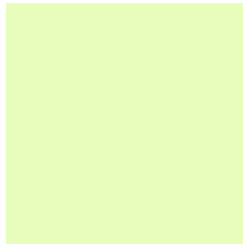
67, 0, 191



22, 0, 64

Previews

White Background



This preview shows how the RGB color 230, 253, 187 looks on a white background.

Color Contrast Check

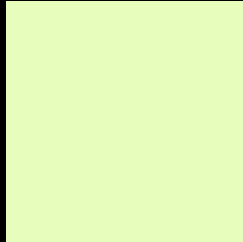
Large Text (above 18pt) WCAG AA × Fail

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 230, 253, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

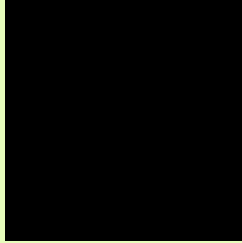
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

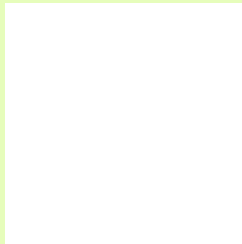
Any Text WCAG AAA ✓ Pass

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

RGB 230, 253, 187 Background



This preview shows how black text looks on a background with the RGB color 230, 253, 187.

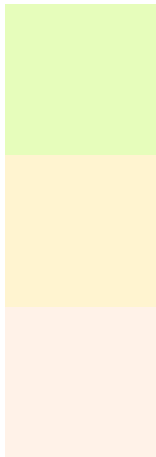


This preview shows how white text looks on a background with the RGB color 230, 253, 187.

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
230, 253, 187

Protanopia
255, 244, 208

Deuteranopia
255, 242, 232



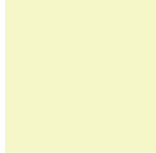
Tritanopia

242, 243, 255

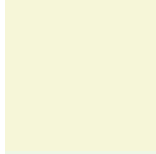
Trichromacy



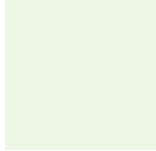
Original Color
230, 253, 187



Protanomaly
246, 247, 200

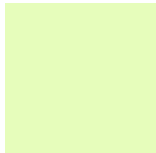


Deuteranomaly
246, 246, 216

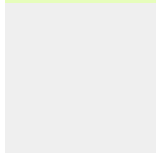


Tritanomaly
238, 247, 230

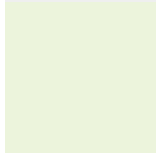
Monochromacy



Original Color
230, 253, 187



Achromatopsia
239, 239, 239



Achromatomaly
236, 244, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 253, 187 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(230, 253, 187)` looks like.

```
.text, #text, p{  
    color:rgb(230, 253, 187)  
}
```

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(230, 253, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 253, 187) }
```

Border

The CSS property to change the border of an element to RGB 230, 253, 187 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(230, 253, 187) }
```

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

```
.border{ border-color:rgb(230, 253, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 253, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 253, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 253, 187);  
box-shadow:4px 4px 4px 4px rgb(230, 253,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 230, 253, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 253, 187) }
```

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

```
.background{ background-color: rgb(230,  
253, 187) }
```

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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