

Converting Colors

RGB(245, 250, 189)

Have a look what the booklet for
RGB(245, 250, 189) contains.

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Color

RGB(245, 250, 189)

Conversions

Conversions Part 1

Format	Color
Hex	F5FABD
RGB	245, 250, 189
RGB Percent	96%, 98%, 74%
CMY	0.0392, 0.0196, 0.2588
CMYK	0.02, 0.00, 0.24, 0.02
HSL	65°, 86%, 86%
HSV	65°, 24%, 98%
XYZ	81.0271, 91.4578, 61.5267
YIQ	241.5510, 16.6010, -20.0310

Conversions

Conversions Part 2

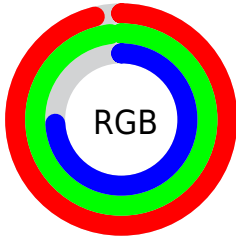
Format	Color
RYB	189, 250, 194
Decimal	16120509
CIELab	96.60, -11.24, 28.79
CIELCh	97, 30.904, 111.328
Yxy	91.4578, 0.3463, 0.3908
Android (android.graphics.Color)	4294310589 (0xFFFF5FABD)
YUV	241.5510, -25.9076, 3.0248
Hunter-Lab	95.6336, -16.1217, 28.7988

Details

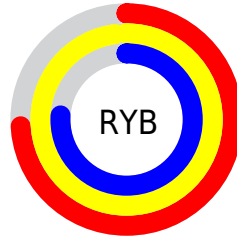
The RGB color **245, 250, 189** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **194, 189, 250**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 246**, and **188, 194, 135** is the 20% darker color. If you saturate the color by 10%, you get **243, 250, 164**, and if you desaturate by 10%, it is **247, 250, 214**.

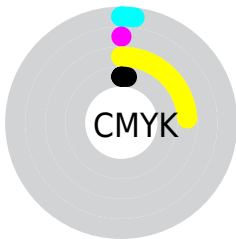
Distribution



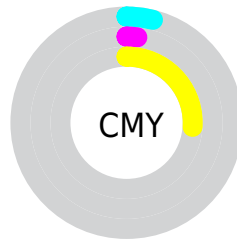
- Red (96%)
- Green (98%)
- Blue (74%)



- Red (74%)
- Yellow (98%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 250, 189 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 245, 250, 189 by changing the saturation by 10% instead.

 245, 250, 189


255, 255, 255

 255, 255, 246


 245, 250, 189

 216, 221, 162

 188, 194, 135

 161, 166, 110

 134, 140, 85

 108, 115, 61

 83, 90, 38

 59, 67, 15

 38, 45, 0

 8, 25, 0

 245, 250, 189

 245, 250, 189


 243, 250, 164

 247, 250, 214

 241, 250, 139


 249, 250, 239

 239, 250, 114

 251, 250, 255


 237, 250, 89

 253, 250, 255

 235, 250, 64

 255, 250, 255

 233, 250, 39

 231, 250, 14

 230, 250, 0

Harmonies

Analogous

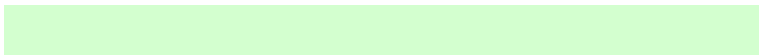
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 240, 186



245, 250, 189



211, 255, 207

Triad

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



245, 250, 189



166, 255, 255



255, 224, 255

Complementary

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



245, 250, 189



194, 189, 250

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, 231, 255



245, 250, 189



197, 251, 255

Square

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



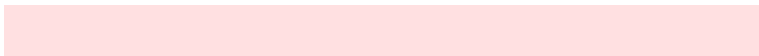
245, 250, 189



160, 255, 255



239, 241, 255



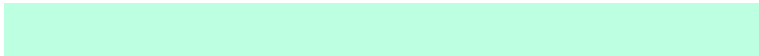
255, 224, 225

Rectangle

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



245, 250, 189



189, 255, 225



239, 241, 255



255, 226, 255

Sweetspot

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



245, 250, 189



254, 255, 237



250, 193, 189



127, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

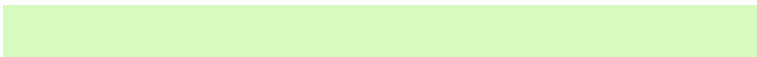
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 250, 189



249, 255, 181



215, 250, 189



124, 125, 112



173, 189, 0



56, 61, 0

Inverse Universe

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



194, 189, 250



187, 181, 255



224, 189, 250



113, 112, 125



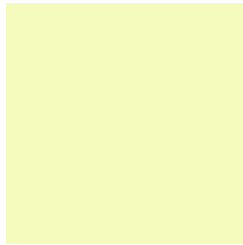
15, 0, 189



5, 0, 61

Previews

White Background



This preview shows how the RGB color 245, 250, 189 looks on a white background.

Color Contrast Check

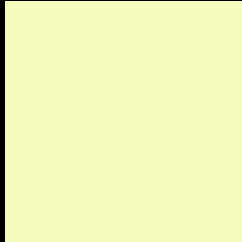
Large Text (above 18pt) WCAG AA × Fail

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 245, 250, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

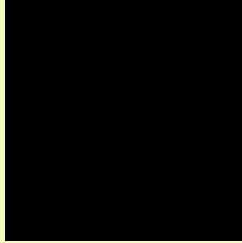
Any Text WCAG AA ✓ Pass

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 245, 250, 189 Background



This preview shows how black text looks on a background with the RGB color 245, 250, 189.

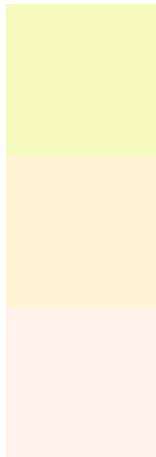


This preview shows how white text looks on a background with the RGB color 245, 250, 189.

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
245, 250, 189

Protanopia
255, 245, 214

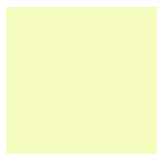
Deuteranopia
255, 243, 235



Tritanopia

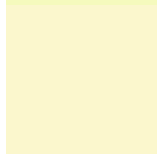
251, 242, 255

Trichromacy



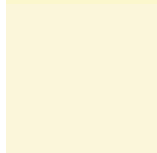
Original Color

245, 250, 189



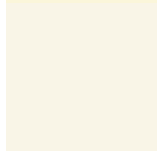
Protanomaly

251, 247, 205



Deuteranomaly

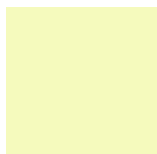
251, 246, 218



Tritanomaly

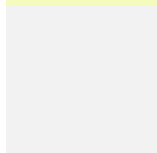
249, 245, 231

Monochromacy



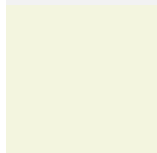
Original Color

245, 250, 189



Achromatopsia

242, 242, 242



Achromatomaly

243, 245, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 250, 189 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(245, 250, 189)` looks like.

```
.text, #text, p{  
    color:rgb(245, 250, 189)  
}
```

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(245, 250, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 250, 189) }
```

Border

The CSS property to change the border of an element to RGB 245, 250, 189 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(245, 250, 189) }
```

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

```
.border{ border-color:rgb(245, 250, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 250, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 250, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 250, 189);  
box-shadow:4px 4px 4px 4px rgb(245, 250,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 245, 250, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 250, 189) }
```

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

```
.background{ background-color: rgb(245,  
250, 189) }
```

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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