

Converting Colors

RGB(223, 245, 188)

Have a look what the booklet for
RGB(223, 245, 188) contains.

RGB(223, 245, 188)	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(223, 245, 188)

Conversions

Conversions Part 1

Format	Color
Hex	DFF5BC
RGB	223, 245, 188
RGB Percent	87%, 96%, 74%
CMY	0.1255, 0.0392, 0.2627
CMYK	0.09, 0.00, 0.23, 0.04
HSL	83°, 74%, 85%
HSV	83°, 23%, 96%
XYZ	72.1609, 84.6236, 60.1077
YIQ	231.9240, 5.1850, -22.3910

Conversions

Conversions Part 2

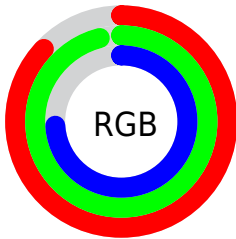
Format	Color
RYB	188, 245, 210
Decimal	14677436
CIELab	93.72, -16.80, 25.11
CIELCh	94, 30.210, 123.790
Yxy	84.6236, 0.3327, 0.3902
Android (android.graphics.Color)	4292867516 (0xFFDFF5BC)
YUV	231.9240, -21.6545, -7.8263
Hunter-Lab	91.9911, -20.9630, 25.6533

Details

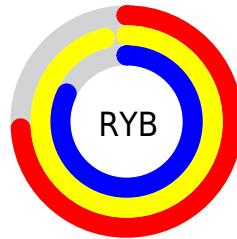
The RGB color **223, 245, 188** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **210, 188, 245**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 244**, and **167, 189, 134** is the 20% darker color. If you saturate the color by 10%, you get **214, 245, 164**, and if you desaturate by 10%, it is **232, 245, 213**.

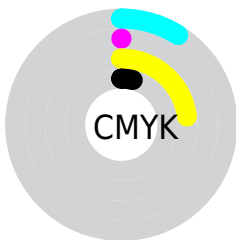
Distribution



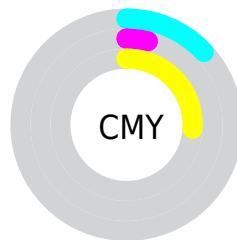
- Red (87%)
- Green (96%)
- Blue (74%)



- Red (74%)
- Yellow (96%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 245, 188 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 223, 245, 188 by changing the saturation by 10% instead.

 223, 245, 188


255, 255, 255


 255, 255, 244


 223, 245, 188

 195, 217, 161

 167, 189, 134

 141, 162, 109

 115, 135, 84

 90, 110, 61

 66, 86, 38

 42, 62, 16

 22, 40, 0

 0, 21, 0

■ 223, 245, 188

■ 223, 245, 188

■ 214, 245, 164

■ 232, 245, 213

■ 204, 245, 139

■ 242, 245, 237

■ 195, 245, 115

■ 251, 245, 255

■ 185, 245, 90

■ 255, 245, 255

■ 176, 245, 66

■ 166, 245, 41

■ 157, 245, 17

■ 150, 245, 0

Harmonies

Analogous

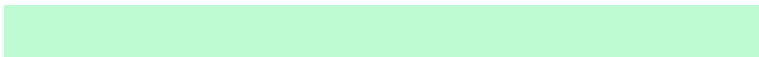
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 236, 179



223, 245, 188



190, 251, 210

Triad

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



223, 245, 188



171, 247, 255



255, 216, 234

Complementary

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



223, 245, 188



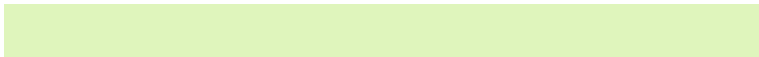
210, 188, 245

Split Complementary

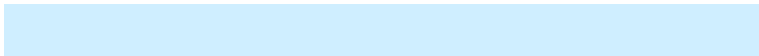
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 220, 255



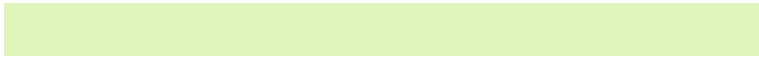
223, 245, 188



207, 238, 255

Square

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



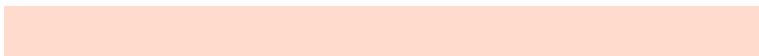
223, 245, 188



153, 252, 255



246, 228, 255



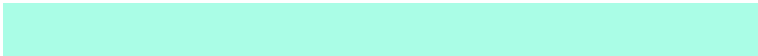
255, 219, 206

Rectangle

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



223, 245, 188



170, 253, 230



246, 228, 255



255, 216, 244

Sweetspot

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



223, 245, 188



248, 255, 237



245, 210, 188



124, 128, 117



0, 0, 0



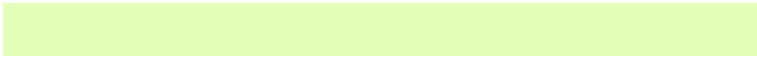
128, 128, 128

Same Dimension

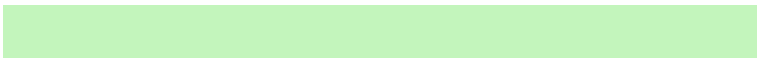
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223, 245, 188



227, 255, 184



195, 245, 188



118, 122, 110



114, 186, 0



36, 59, 0

Inverse Universe

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



210, 188, 245



211, 184, 255



238, 188, 245



115, 110, 122



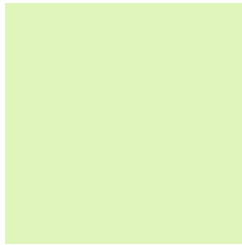
72, 0, 186



23, 0, 59

Previews

White Background



This preview shows how the RGB color 223, 245, 188 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 223, 245, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

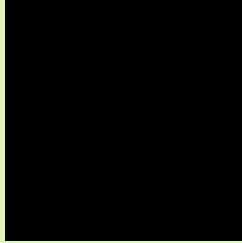
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

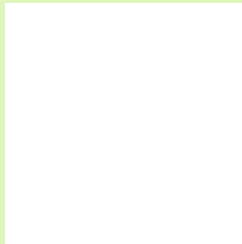
Any Text WCAG AAA ✓ Pass

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

RGB 223, 245, 188 Background



This preview shows how black text looks on a background with the RGB color 223, 245, 188.

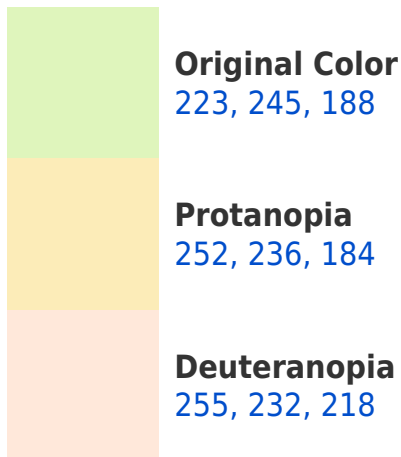


This preview shows how white text looks on a background with the RGB color 223, 245, 188.

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](#).

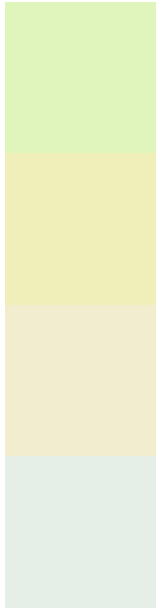
Dichromacy





Tritanopia
233, 236, 255

Trichromacy



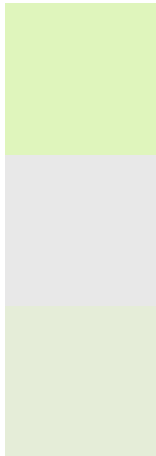
Original Color
223, 245, 188

Protanomaly
241, 239, 185

Deuteranomaly
243, 237, 207

Tritanomaly
229, 239, 231

Monochromacy



Original Color
223, 245, 188

Achromatopsia
232, 232, 232

Achromatomaly
229, 237, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 245, 188 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(223, 245, 188)` looks like.

```
.text, #text, p{  
    color:rgb(223, 245, 188)  
}
```

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(223, 245, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 245, 188) }
```

Border

The CSS property to change the border of an element to RGB 223, 245, 188 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(223, 245, 188) }
```

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

```
.border{ border-color:rgb(223, 245, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 245, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 245, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 245, 188); box-shadow:4px 4px 4px 4px rgb(223, 245, 188) }
```

Background

The CSS property to change the background color of an element to RGB 223, 245, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 245, 188) }
```

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

```
.background{ background-color: rgb(223,  
245, 188) }
```

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