

Converting Colors

RGB(238, 245, 175)

Have a look what the booklet for
RGB(238, 245, 175) contains.

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Color

RGB(238, 245, 175)

Conversions

Conversions Part 1

Format	Color
Hex	EEF5AF
RGB	238, 245, 175
RGB Percent	93%, 96%, 69%
CMY	0.0667, 0.0392, 0.3137
CMYK	0.03, 0.00, 0.29, 0.04
HSL	66°, 78%, 82%
HSV	66°, 29%, 96%
XYZ	75.6502, 86.5771, 53.2813
YIQ	234.9270, 18.2980, -23.2540

Conversions

Conversions Part 2

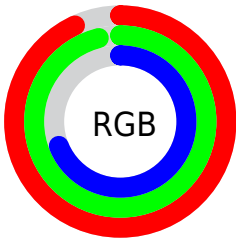
Format	Color
RYB	175, 245, 182
Decimal	15660463
CIELab	94.56, -13.18, 33.01
CIELCh	95, 35.546, 111.758
Yxy	86.5771, 0.3510, 0.4017
Android (android.graphics.Color)	4293850543 (0xFFEEF5AF)
YUV	234.9270, -29.5440, 2.6950
Hunter-Lab	93.0468, -17.7055, 31.1816

Details

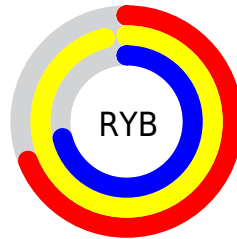
The RGB color **238, 245, 175** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **182, 175, 245**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 231**, and **181, 189, 122** is the 20% darker color. If you saturate the color by 10%, you get **236, 245, 150**, and if you desaturate by 10%, it is **240, 245, 200**.

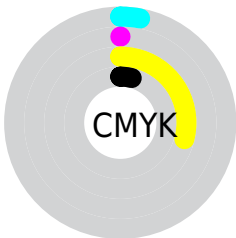
Distribution



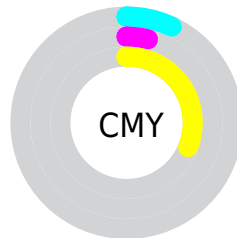
- Red (93%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 245, 175 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 238, 245, 175 by changing the saturation by 10% instead.


 238, 245, 175


255, 255, 255

 255, 255, 231


 238, 245, 175

 209, 217, 148

 181, 189, 122

 154, 162, 96

 127, 136, 72

 102, 110, 48

 77, 86, 25

 53, 63, 0

 30, 41, 0

 0, 22, 0

 238, 245, 175

 238, 245, 175

 236, 245, 150

 240, 245, 200

 233, 245, 126

 243, 245, 224

 231, 245, 102

 245, 245, 249

 228, 245, 77


 248, 245, 255

 226, 245, 52


 250, 245, 255

 223, 245, 28

 253, 245, 255

 221, 245, 3

 255, 245, 255

 221, 245, 0

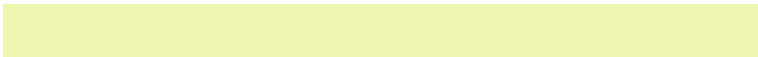
Harmonies

Analogous

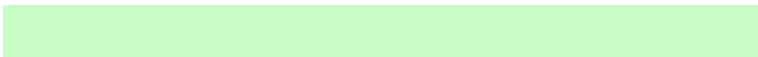
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 234, 172



238, 245, 175



199, 253, 196

Triad

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



238, 245, 175



143, 254, 255



255, 215, 250

Complementary

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



238, 245, 175



182, 175, 245

Split Complementary

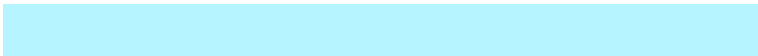
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 222, 255



238, 245, 175



182, 245, 255

Square

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



238, 245, 175



136, 255, 255



232, 234, 255



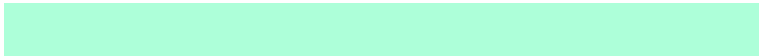
255, 215, 216

Rectangle

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



238, 245, 175



173, 255, 217



232, 234, 255



255, 217, 255

Sweetspot

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



238, 245, 175



253, 255, 232



245, 182, 175



126, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

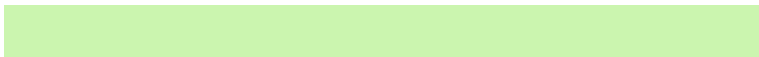
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 245, 175



246, 255, 168



203, 245, 175



121, 122, 110



168, 186, 0



53, 59, 0

Inverse Universe

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



182, 175, 245



177, 168, 255



217, 175, 245



111, 110, 122



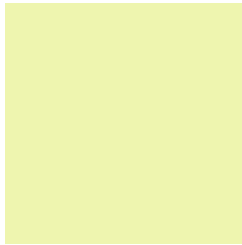
19, 0, 186



6, 0, 59

Previews

White Background



This preview shows how the RGB color 238, 245, 175 looks on a white background.

Color Contrast Check

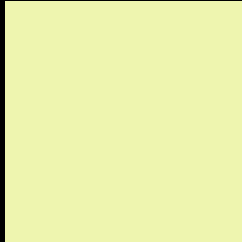
Large Text (above 18pt) WCAG AA × Fail

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 238, 245, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

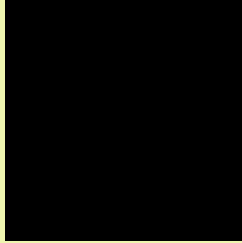
Any Text WCAG AA ✓ Pass

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 238, 245, 175 Background



This preview shows how black text looks on a background with the RGB color 238, 245, 175.

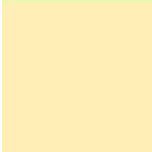
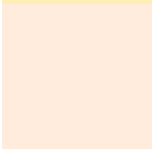


This preview shows how white text looks on a background with the RGB color 238, 245, 175.

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

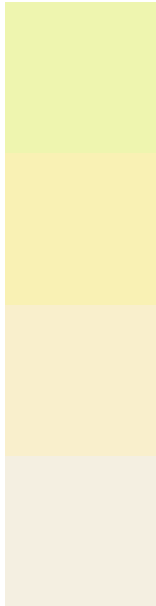
	Original Color 238, 245, 175
	Protanopia 255, 239, 183
	Deuteranopia 255, 236, 221



Tritanopia

248, 235, 253

Trichromacy



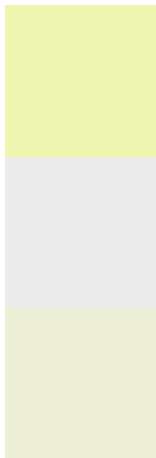
Original Color
238, 245, 175

Protanomaly
249, 241, 180

Deuteranomaly
249, 239, 204

Tritanomaly
244, 239, 225

Monochromacy



Original Color
238, 245, 175

Achromatopsia
235, 235, 235

Achromatomaly
236, 239, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 245, 175 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(238, 245, 175)` looks like.

```
.text, #text, p{  
    color:rgb(238, 245, 175)  
}
```

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(238, 245, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 245, 175) }
```

Border

The CSS property to change the border of an element to RGB 238, 245, 175 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(238, 245, 175) }
```

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

```
.border{ border-color:rgb(238, 245, 175) }
```

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

Here you see how a box with a 4 pixel rgb(238, 245, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 245, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 245, 175);  
box-shadow:4px 4px 4px 4px rgb(238, 245,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 238, 245, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 245, 175) }
```

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

```
.background{ background-color: rgb(238,  
245, 175) }
```

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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