

Converting Colors

RGB(238, 240, 170)

Have a look what the booklet for
RGB(238, 240, 170) contains.

RGB(238, 240, 170)	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(238, 240, 170)

Conversions

Conversions Part 1

Format	Color
Hex	EEF0AA
RGB	238, 240, 170
RGB Percent	93%, 94%, 67%
CMY	0.0667, 0.0588, 0.3333
CMYK	0.01, 0.00, 0.29, 0.06
HSL	62°, 70%, 80%
HSV	62°, 29%, 94%
XYZ	73.6757, 83.3996, 50.2448
YIQ	231.4220, 21.2780, -22.1940

Conversions

Conversions Part 2

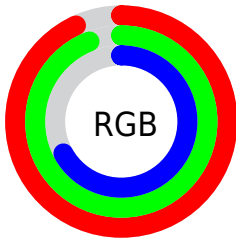
Format	Color
RYB	170, 240, 172
Decimal	15659178
CIELab	93.19, -11.34, 33.71
CIELCh	93, 35.562, 108.596
Yxy	83.3996, 0.3554, 0.4023
Android (android.graphics.Color)	4293849258 (0xFFEEF0AA)
YUV	231.4220, -30.2810, 5.7689
Hunter-Lab	91.3234, -15.8100, 31.3059

Details

The RGB color **238, 240, 170** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **172, 170, 240**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 226**, and **181, 184, 117** is the 20% darker color. If you saturate the color by 10%, you get **237, 240, 146**, and if you desaturate by 10%, it is **239, 240, 194**.

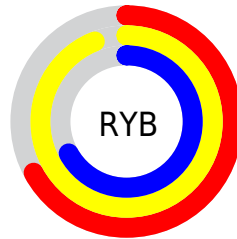
Distribution



Red (93%)

Green (94%)

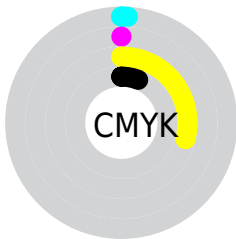
Blue (67%)



Red (67%)

Yellow (94%)

Blue (67%)

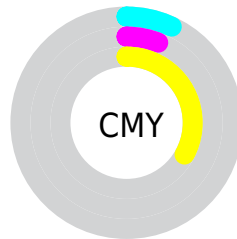


Cyan (1%)

Magenta (0%)

Yellow (29%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 240, 170 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, 240, 170 by changing the saturation by 10% instead.

 238, 240, 170


255, 255, 255

 255, 255, 226

255, 255, 255


 238, 240, 170

 209, 212, 143

 181, 184, 117

 154, 157, 92

 127, 131, 67

 101, 106, 44

 76, 82, 20

 52, 59, 0

 29, 37, 0

 0, 18, 0

 238, 240, 170

 238, 240, 170

 237, 240, 146


 239, 240, 194

 237, 240, 122

 239, 240, 218

 236, 240, 98


 240, 240, 242

 235, 240, 74

 241, 240, 255

 235, 240, 50

 241, 240, 255

 234, 240, 26

 242, 240, 255

 233, 240, 2

 243, 240, 255

 233, 240, 0

 243, 240, 255

 244, 240, 255

Harmonies

Analogous

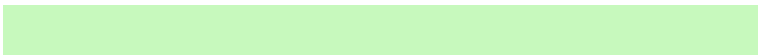
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 229, 169



238, 240, 170



199, 249, 189

Triad

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



238, 240, 170



136, 251, 255



255, 211, 250

Complementary

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



238, 240, 170



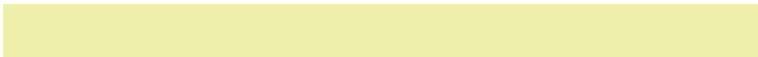
172, 170, 240

Split Complementary

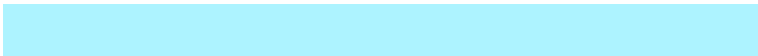
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 219, 255



238, 240, 170



173, 243, 255

Square

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



238, 240, 170



133, 254, 255



223, 231, 255



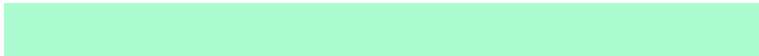
255, 211, 215

Rectangle

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



238, 240, 170



173, 252, 209



223, 231, 255



255, 213, 255

Sweetspot

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



238, 240, 170



254, 255, 232



240, 171, 170



127, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

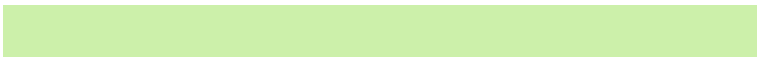
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 240, 170



252, 255, 166



204, 240, 170



120, 120, 108



178, 184, 0



54, 56, 0

Inverse Universe

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



172, 170, 240



168, 166, 255



206, 170, 240



108, 108, 120



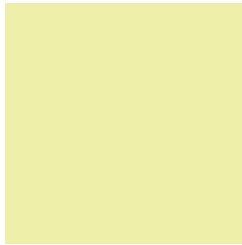
5, 0, 184



2, 0, 56

Previews

White Background



This preview shows how the RGB color 238, 240, 170 looks on a white background.

Color Contrast Check

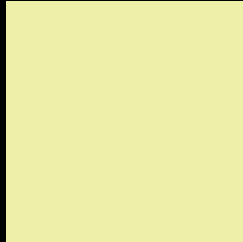
Large Text (above 18pt) WCAG AA × Fail

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, 240, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

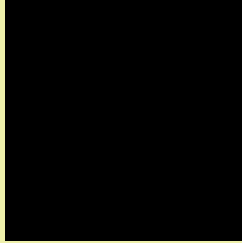
Any Text WCAG AA ✓ Pass

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, 240, 170 Background



This preview shows how black text looks on a background with the RGB color 238, 240, 170.

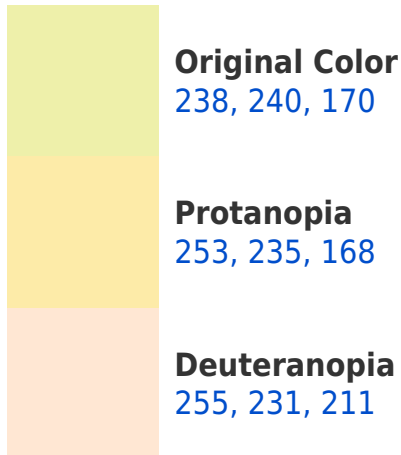


This preview shows how white text looks on a background with the RGB color 238, 240, 170.

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

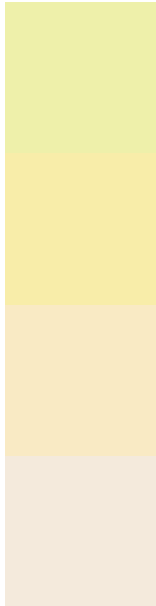




Tritanopia

248, 230, 248

Trichromacy



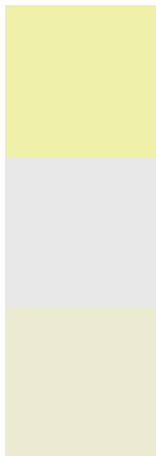
Original Color
238, 240, 170

Protanomaly
248, 237, 169

Deuteranomaly
249, 234, 196

Tritanomaly
244, 234, 220

Monochromacy



Original Color
238, 240, 170

Achromatopsia
231, 231, 231

Achromatomaly
234, 234, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 240, 170 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, 240, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 240, 170)  
}
```

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, 240, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 240, 170) }
```

Border

The CSS property to change the border of an element to RGB 238, 240, 170 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, 240, 170) }
```

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

```
.border{ border-color:rgb(238, 240, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 240, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 240, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 240, 170); box-shadow:4px 4px 4px 4px rgb(238, 240, 170) }
```

Background

The CSS property to change the background color of an element to RGB 238, 240, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 240, 170) }
```

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

```
.background{ background-color: rgb(238,  
240, 170) }
```

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