

Converting Colors

RGB(238, 252, 217)

Have a look what the booklet for
RGB(238, 252, 217) contains.

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Color

RGB(238, 252, 217)

Conversions

Conversions Part 1

Format	Color
Hex	EEFCD9
RGB	238, 252, 217
RGB Percent	93%, 99%, 85%
CMY	0.0667, 0.0118, 0.1490
CMYK	0.06, 0.00, 0.14, 0.01
HSL	84°, 85%, 92%
HSV	84°, 14%, 99%
XYZ	82.5947, 92.8077, 79.2061
YIQ	243.8240, 2.8910, -13.8530

Conversions

Conversions Part 2

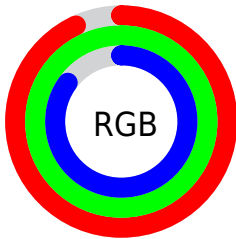
Format	Color
RYB	217, 252, 231
Decimal	15662297
CIELab	97.15, -10.58, 15.21
CIELCh	97, 18.530, 124.812
Yxy	92.8077, 0.3244, 0.3645
Android (android.graphics.Color)	4293852377 (0xFFEEFCD9)
YUV	243.8240, -13.2242, -5.1076
Hunter-Lab	96.3368, -15.5517, 18.6887

Details

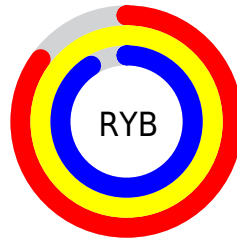
The RGB color **238, 252, 217** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **231, 217, 252**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 195, 162** is the 20% darker color. If you saturate the color by 10%, you get **228, 252, 192**, and if you desaturate by 10%, it is **248, 252, 242**.

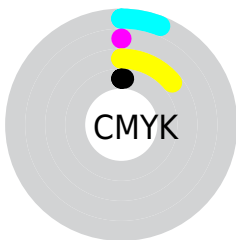
Distribution



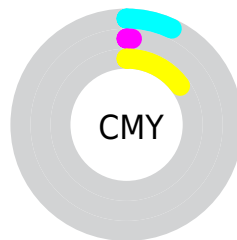
- Red (93%)
- Green (99%)
- Blue (85%)



- Red (85%)
- Yellow (99%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)



- Cyan (7%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 252, 217 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, 252, 217 by changing the saturation by 10% instead.

 238, 252, 217

255, 255, 255

 238, 252, 217

 210, 223, 189

 182, 195, 162

 155, 168, 136

 129, 142, 110

 104, 116, 86

 79, 92, 63

 56, 68, 40

 34, 46, 20

 12, 26, 0

■ 238, 252, 217

■ 238, 252, 217

■ 228, 252, 192

■ 248, 252, 242

■ 218, 252, 167

■ 255, 252, 255

■ 208, 252, 141

■ 198, 252, 116

■ 188, 252, 91

■ 178, 252, 66

■ 167, 252, 41

■ 157, 252, 15

■ 151, 252, 0

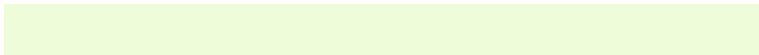
Harmonies

Analogous

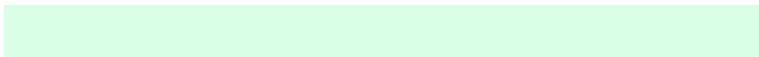
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 246, 211



238, 252, 217



218, 255, 231

Triad

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



238, 252, 217



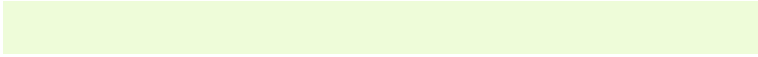
211, 253, 255



255, 234, 244

Complementary

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



238, 252, 217



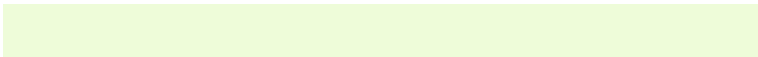
231, 217, 252

Split Complementary

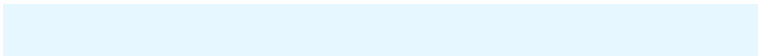
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 236, 255



238, 252, 217



231, 247, 255

Square

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



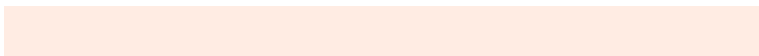
238, 252, 217



201, 255, 255



254, 241, 255



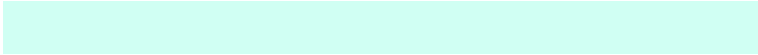
255, 236, 227

Rectangle

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



238, 252, 217



208, 255, 243



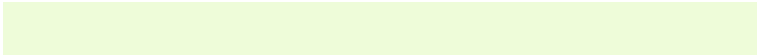
254, 241, 255



255, 235, 251

Sweetspot

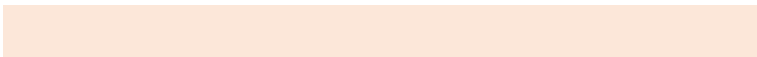
The Sweet Spot groups the original color and five complimentary colors.



238, 252, 217



251, 255, 245



252, 231, 217



125, 128, 121



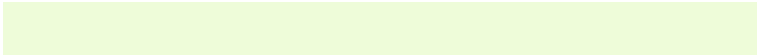
0, 0, 0



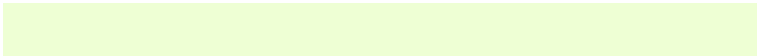
128, 128, 128

Same Dimension

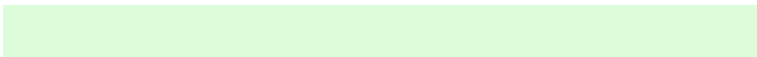
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 252, 217



238, 255, 212



221, 252, 217



120, 125, 112



113, 189, 0



37, 61, 0

Inverse Universe

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



231, 217, 252



229, 212, 255



249, 217, 252



117, 112, 125



75, 0, 189



24, 0, 61

Previews

White Background



This preview shows how the RGB color 238, 252, 217 looks on a white background.

Color Contrast Check

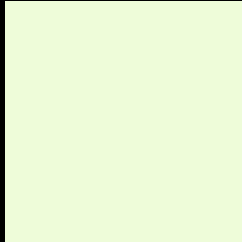
Large Text (above 18pt) WCAG AA × Fail

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, 252, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

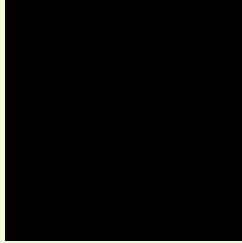
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

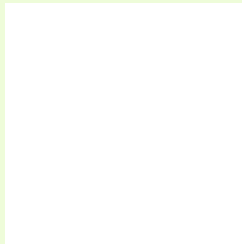
Any Text WCAG AAA ✓ Pass

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

RGB 238, 252, 217 Background



This preview shows how black text looks on a background with the RGB color 238, 252, 217.

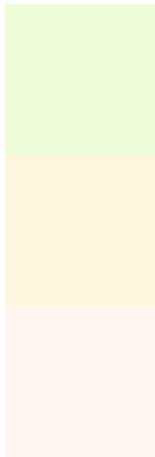


This preview shows how white text looks on a background with the RGB color 238, 252, 217.

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, 252, 217

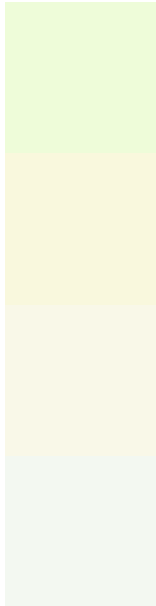
Protanopia
255, 246, 224

Deuteranopia
255, 245, 241



Tritanopia
246, 246, 255

Trichromacy



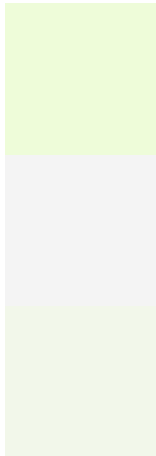
Original Color
238, 252, 217

Protanomaly
249, 248, 221

Deuteranomaly
249, 248, 232

Tritanomaly
243, 248, 241

Monochromacy



Original Color
238, 252, 217

Achromatopsia
244, 244, 244

Achromatomaly
242, 247, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 252, 217 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, 252, 217)` looks like.

```
.text, #text, p{  
    color:rgb(238, 252, 217)  
}
```

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, 252, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 252, 217) }
```

Border

The CSS property to change the border of an element to RGB 238, 252, 217 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, 252, 217) }
```

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

```
.border{ border-color:rgb(238, 252, 217) }
```

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

Here you see how a box with a 4 pixel rgb(238, 252, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 252, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 252, 217);  
box-shadow:4px 4px 4px 4px rgb(238, 252,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 238, 252, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 252, 217) }
```

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

```
.background{ background-color: rgb(238,  
252, 217) }
```

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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