

Converting Colors

RGB(236, 242, 207)

Have a look what the booklet for
RGB(236, 242, 207) contains.

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Color

RGB(236, 242, 207)

Conversions

Conversions Part 1

Format	Color
Hex	ECF2CF
RGB	236, 242, 207
RGB Percent	93%, 95%, 81%
CMY	0.0745, 0.0510, 0.1882
CMYK	0.02, 0.00, 0.14, 0.05
HSL	70°, 57%, 88%
HSV	70°, 14%, 95%
XYZ	77.6067, 85.8421, 71.5104
YIQ	236.2160, 7.6590, -12.1570

Conversions

Conversions Part 2

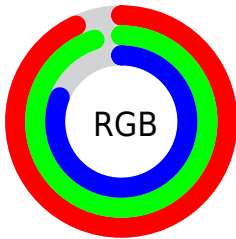
Format	Color
R _Y B	207, 242, 213
Decimal	15528655
CIE Lab	94.24, -7.86, 16.23
CIE LCh	94, 18.035, 115.849
Yxy	85.8421, 0.3303, 0.3653
Android (android.graphics.Color)	4293718735 (0xFFECEF2CF)
YUV	236.2160, -14.4035, -0.1894
Hunter-Lab	92.6510, -12.6235, 19.0942

Details

The RGB color **236, 242, 207** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **213, 207, 242**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 186, 153** is the 20% darker color. If you saturate the color by 10%, you get **232, 242, 183**, and if you desaturate by 10%, it is **240, 242, 231**.

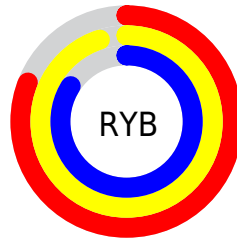
Distribution



Red (93%)

Green (95%)

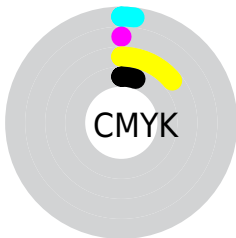
Blue (81%)



Red (81%)

Yellow (95%)

Blue (84%)

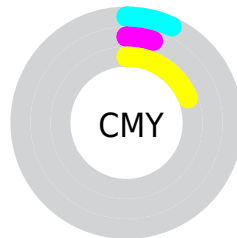


Cyan (2%)

Magenta (0%)

Yellow (14%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 242, 207 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 236, 242, 207 by changing the saturation by 10% instead.

■ 236, 242, 207

255, 255, 255

■ 236, 242, 207

■ 208, 214, 179

■ 180, 186, 153

■ 153, 159, 127

■ 127, 133, 102

■ 102, 108, 77

■ 78, 83, 54

■ 54, 60, 33

■ 33, 39, 11

■ 3, 19, 0

236, 242, 207

236, 242, 207

232, 242, 183

240, 242, 231

228, 242, 159

244, 242, 255

224, 242, 134

248, 242, 255

219, 242, 110

253, 242, 255

215, 242, 86

255, 242, 255

211, 242, 62

207, 242, 38

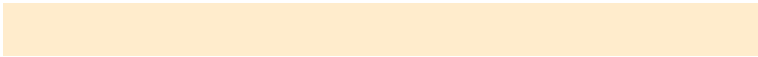
203, 242, 13

201, 242, 0

Harmonies

Analogous

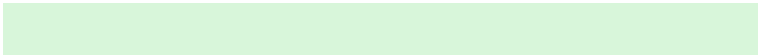
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 236, 204



236, 242, 207



216, 246, 218

Triad

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



236, 242, 207



200, 246, 255



255, 227, 242

Complementary

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



236, 242, 207



213, 207, 242

Split Complementary

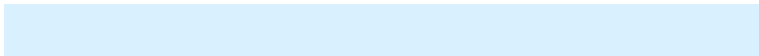
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 230, 255



236, 242, 207



217, 241, 255

Square

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



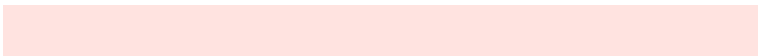
236, 242, 207



194, 248, 253



239, 235, 255



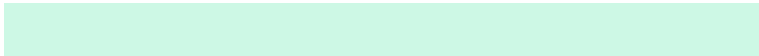
255, 227, 224

Rectangle

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



236, 242, 207



205, 248, 229



239, 235, 255



255, 227, 247

Sweetspot

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



236, 242, 207



253, 255, 245



242, 213, 207



126, 128, 121



0, 0, 0



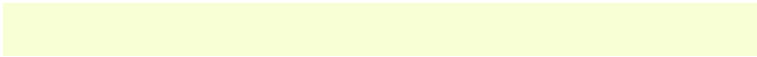
128, 128, 128

Same Dimension

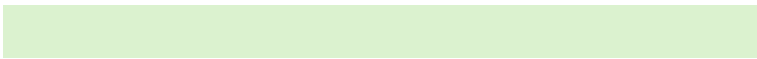
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236, 242, 207



248, 255, 212



219, 242, 207



118, 120, 108



152, 184, 0



46, 56, 0

Inverse Universe

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



213, 207, 242



219, 212, 255



230, 207, 242



110, 108, 120



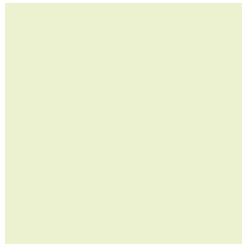
31, 0, 184



10, 0, 56

Previews

White Background



This preview shows how the RGB color 236, 242, 207 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 236, 242, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

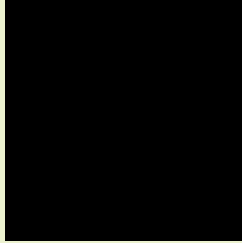
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

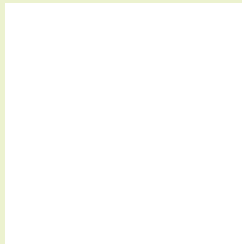
Any Text WCAG AAA ✓ Pass

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

RGB 236, 242, 207 Background



This preview shows how black text looks on a background with the RGB color 236, 242, 207.

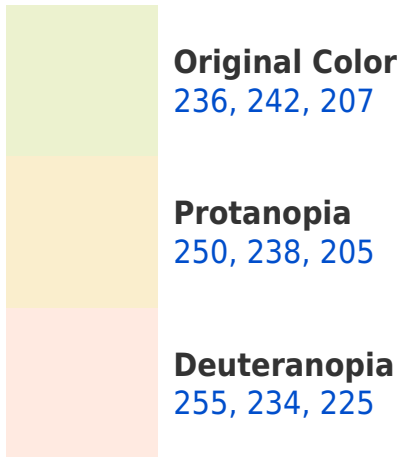


This preview shows how white text looks on a background with the RGB color 236, 242, 207.

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

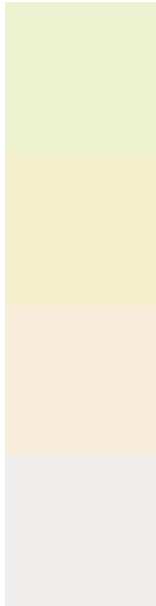




Tritanopia

243, 235, 254

Trichromacy



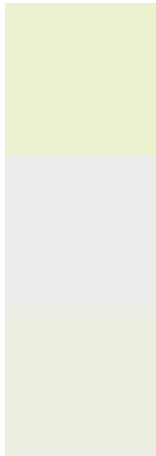
Original Color
236, 242, 207

Protanomaly
245, 239, 206

Deuteranomaly
248, 237, 218

Tritanomaly
240, 238, 237

Monochromacy



Original Color
236, 242, 207

Achromatopsia
236, 236, 236

Achromatomaly
236, 238, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 242, 207 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(236, 242, 207)` looks like.

```
.text, #text, p{  
    color:rgb(236, 242, 207)  
}
```

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(236, 242, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 242, 207) }
```

Border

The CSS property to change the border of an element to RGB 236, 242, 207 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(236, 242, 207) }
```

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

```
.border{ border-color:rgb(236, 242, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 242, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 242, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 242, 207);  
box-shadow:4px 4px 4px 4px rgb(236, 242,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 236, 242, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 242, 207) }
```

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

```
.background{ background-color: rgb(236,  
242, 207) }
```

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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