

Converting Colors

RGB(237, 247, 230)

Have a look what the booklet for
RGB(237, 247, 230) contains.

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Color

RGB(237, 247, 230)

Conversions

Conversions Part 1

Format	Color
Hex	EDF7E6
RGB	237, 247, 230
RGB Percent	93%, 97%, 90%
CMY	0.0706, 0.0314, 0.0980
CMYK	0.04, 0.00, 0.07, 0.03
HSL	95°, 52%, 94%
HSV	95°, 7%, 97%
XYZ	82.4687, 90.2392, 87.9343
YIQ	242.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

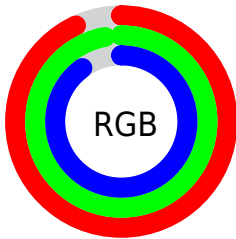
Format	Color
R _{YB}	230, 247, 240
Decimal	15595494
CIE Lab	96.10, -6.28, 7.02
CIE LCh	96, 9.418, 131.818
Yxy	90.2392, 0.3164, 0.3462
Android (android.graphics.Color)	4293785574 (0xFFEDF7E6)
YUV	242.0720, -5.9515, -4.4481
Hunter-Lab	94.9943, -11.2764, 11.6125

Details

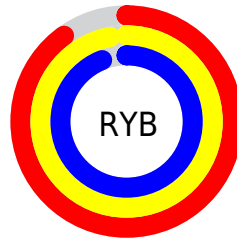
The RGB color **237, 247, 230** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **240, 230, 247**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 191, 175** is the 20% darker color. If you saturate the color by 10%, you get **222, 247, 205**, and if you desaturate by 10%, it is 252, 247, 255.

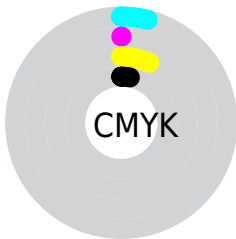
Distribution



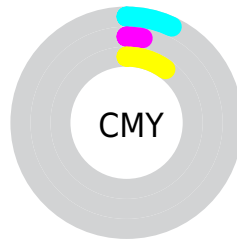
- Red (93%)
- Green (97%)
- Blue (90%)



- Red (90%)
- Yellow (97%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)



- Cyan (7%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 247, 230 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 237, 247, 230 by changing the saturation by 10% instead.

 237, 247, 230

255, 255, 255


 237, 247, 230

 209, 219, 202

 181, 191, 175

 154, 164, 148


 128, 137, 122

 103, 112, 97

 79, 88, 74

 56, 64, 51

 35, 42, 30

 14, 22, 5

 237, 247, 230

 237, 247, 230

 222, 247, 205

 252, 247, 255


 208, 247, 181


 255, 247, 255


 193, 247, 156

 179, 247, 131

 164, 247, 107

 150, 247, 82

 135, 247, 57

 121, 247, 32

 106, 247, 8

Harmonies

Analogous

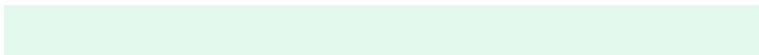
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 244, 226



237, 247, 230



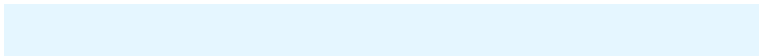
228, 249, 238

Triad

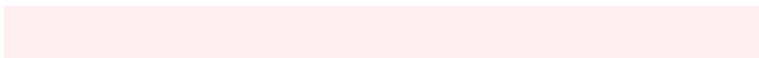
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237, 247, 230



229, 246, 255



255, 238, 240

Complementary

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



237, 247, 230



240, 230, 247

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, 238, 250



237, 247, 230



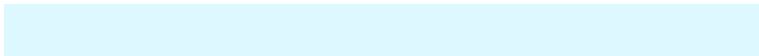
239, 243, 255

Square

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



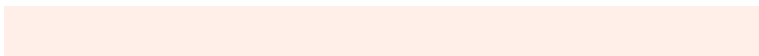
237, 247, 230



222, 248, 255



250, 240, 255



255, 239, 232

Rectangle

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



237, 247, 230



223, 249, 244



250, 240, 255



255, 238, 243

Sweetspot

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



237, 247, 230



252, 255, 250



247, 240, 230



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

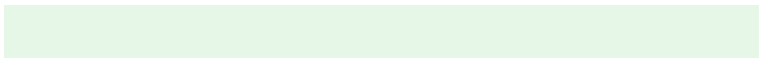
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237, 247, 230



243, 255, 235



230, 247, 231



115, 122, 110



77, 186, 0



24, 59, 0

Inverse Universe

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



240, 230, 247



247, 235, 255



247, 230, 246



117, 110, 122



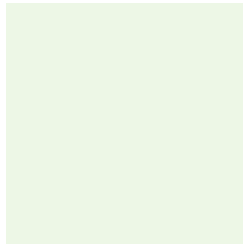
109, 0, 186



34, 0, 59

Previews

White Background



This preview shows how the RGB color 237, 247, 230 looks on a white background.

Color Contrast Check

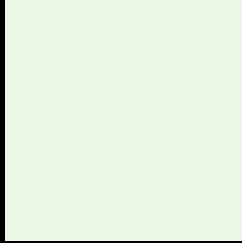
Large Text (above 18pt) WCAG AA × Fail

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 237, 247, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

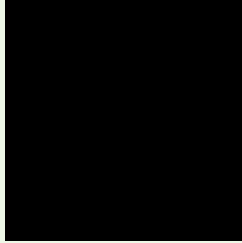
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

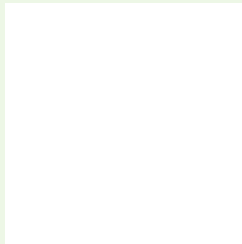
Any Text WCAG AAA ✓ Pass

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

RGB 237, 247, 230 Background



This preview shows how black text looks on a background with the RGB color 237, 247, 230.

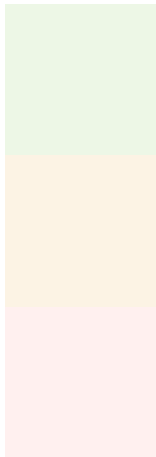


This preview shows how white text looks on a background with the RGB color 237, 247, 230.

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
237, 247, 230

Protanopia
252, 243, 228

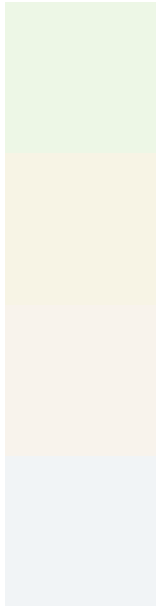
Deuteranopia
255, 240, 239



Tritanopia

243, 243, 255

Trichromacy



Original Color

237, 247, 230

Protanomaly

247, 244, 229

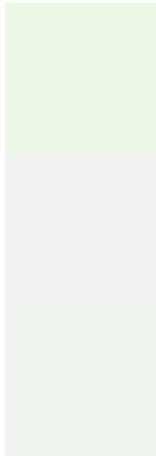
Deuteranomaly

248, 243, 236

Tritanomaly

241, 244, 246

Monochromacy



Original Color

237, 247, 230

Achromatopsia

242, 242, 242

Achromatomaly

240, 244, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 247, 230 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(237, 247, 230)` looks like.

```
.text, #text, p{  
    color:rgb(237, 247, 230)  
}
```

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(237, 247, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 247, 230) }
```

Border

The CSS property to change the border of an element to RGB 237, 247, 230 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(237, 247, 230) }
```

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

```
.border{ border-color:rgb(237, 247, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 247, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 247, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 247, 230);  
box-shadow:4px 4px 4px 4px rgb(237, 247,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 237, 247, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 247, 230) }
```

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

```
.background{ background-color: rgb(237,  
247, 230) }
```

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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