

Converting Colors

RGB(245, 255, 235)

Have a look what the booklet for
RGB(245, 255, 235) contains.

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Color

RGB(245, 255, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFEB
RGB	245, 255, 235
RGB Percent	96%, 100%, 92%
CMY	0.0392, 0.0000, 0.0784
CMYK	0.04, 0.00, 0.08, 0.00
HSL	90°, 100%, 96%
HSV	90°, 8%, 100%
XYZ	88.4116, 96.9306, 92.6470
YIQ	249.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

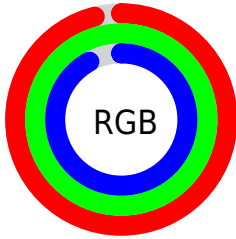
Format	Color
R _Y B	235, 255, 245
Decimal	16121835
CIE Lab	98.80, -6.75, 8.41
CIE LCh	99, 10.785, 128.734
Yxy	96.9306, 0.3180, 0.3487
Android (android.graphics.Color)	4294311915 (0xFF5FFEB)
YUV	249.7300, -7.2619, -4.1482
Hunter-Lab	98.4534, -11.9995, 13.1240

Details

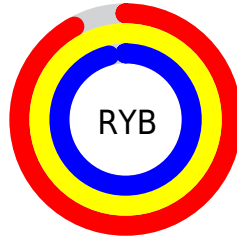
The RGB color **245, 255, 235** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **245, 235, 255**, and the grayscale version is **250, 250, 250**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 198, 179** is the 20% darker color. If you saturate the color by 10%, you get **232, 255, 210**, and if you desaturate by 10%, it is **255, 255, 255**.

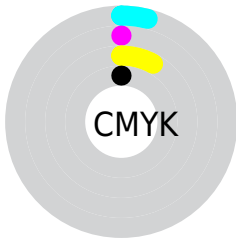
Distribution



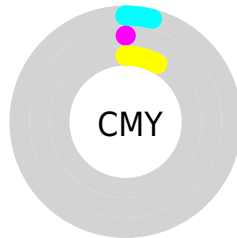
- Red (96%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 255, 235 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 245, 255, 235 by changing the saturation by 10% instead.


 245, 255, 235

255, 255, 255

 245, 255, 235

 217, 226, 207

 189, 198, 179

 162, 171, 152


 135, 145, 127

 110, 119, 102

 86, 94, 78

 62, 71, 55

 40, 48, 33

 21, 27, 11

 245, 255, 235

 245, 255, 235

 232, 255, 210

255, 255, 255


 220, 255, 184


 207, 255, 158

 194, 255, 133

 181, 255, 107

 169, 255, 82

 156, 255, 57

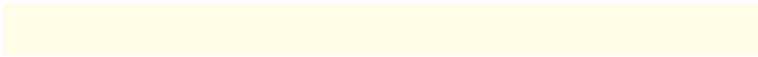
 143, 255, 31

 130, 255, 6

Harmonies

Analogous

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



255, 252, 231



245, 255, 235



234, 255, 244

Triad

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



245, 255, 235



233, 255, 255



255, 245, 249

Complementary

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



245, 255, 235



245, 235, 255

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, 245, 255



245, 255, 235



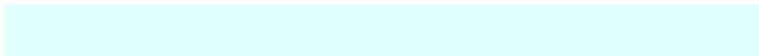
245, 251, 255

Square

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



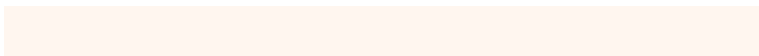
245, 255, 235



226, 255, 255



255, 248, 255



255, 246, 239

Rectangle

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



245, 255, 235



229, 255, 251



255, 248, 255



255, 245, 252

Sweetspot

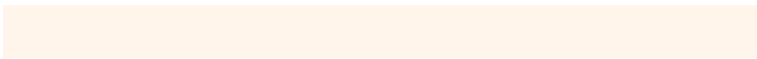
The Sweet Spot groups the original color and five complimentary colors.



245, 255, 235



252, 255, 250



255, 245, 235



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



245, 255, 235



244, 255, 232



235, 255, 235



121, 128, 115



96, 191, 0



32, 64, 0

Inverse Universe

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



245, 235, 255



244, 232, 255



255, 235, 255



121, 115, 128



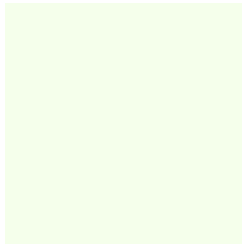
96, 0, 191



32, 0, 64

Previews

White Background



This preview shows how the RGB color 245, 255, 235 looks on a white background.

Color Contrast Check

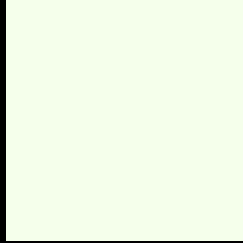
Large Text (above 18pt) WCAG AA × Fail

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 245, 255, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

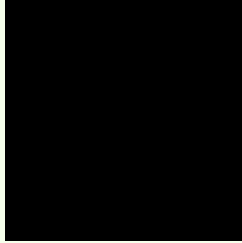
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

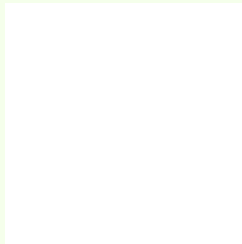
Any Text WCAG AAA ✓ Pass

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

RGB 245, 255, 235 Background



This preview shows how black text looks on a background with the RGB color 245, 255, 235.

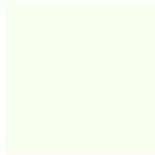


This preview shows how white text looks on a background with the RGB color 245, 255, 235.

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
245, 255, 235



Protanopia
255, 251, 244

Deuteranopia
255, 250, 250

Tritanopia

251, 251, 255

Trichromacy



Original Color

245, 255, 235

Protanomaly

251, 252, 241

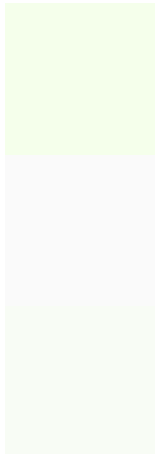
Deuteranomaly

251, 252, 245

Tritanomaly

249, 252, 248

Monochromacy



Original Color

245, 255, 235

Achromatopsia

250, 250, 250

Achromatomaly

248, 252, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 255, 235 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(245, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 235)  
}
```

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(245, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 235) }
```

Border

The CSS property to change the border of an element to RGB 245, 255, 235 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(245, 255, 235) }
```

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

```
.border{ border-color:rgb(245, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 245, 255, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 235) }
```

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

```
.background{ background-color: rgb(245,  
255, 235) }
```

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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