

Converting Colors

RGB(235, 251, 210)

Have a look what the booklet for
RGB(235, 251, 210) contains.

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Color

RGB(235, 251, 210)

Conversions

Conversions Part 1

Format	Color
Hex	EBFBD2
RGB	235, 251, 210
RGB Percent	92%, 98%, 82%
CMY	0.0784, 0.0157, 0.1765
CMYK	0.06, 0.00, 0.16, 0.02
HSL	83°, 84%, 90%
HSV	83°, 16%, 98%
XYZ	80.3910, 91.3097, 74.3602
YIQ	241.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

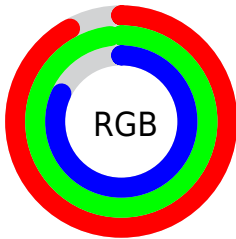
Format	Color
RYB	210, 251, 226
Decimal	15465426
CIELab	96.54, -12.22, 17.90
CIELCh	97, 21.678, 124.319
Yxy	91.3097, 0.3267, 0.3711
Android (android.graphics.Color)	4293655506 (0xFFEBFD2)
YUV	241.5420, -15.5502, -5.7373
Hunter-Lab	95.5561, -17.0518, 20.7507

Details

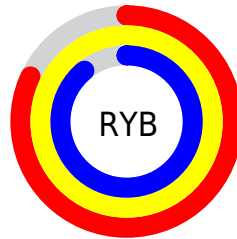
The RGB color **235, 251, 210** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **226, 210, 251**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 194, 155** is the 20% darker color. If you saturate the color by 10%, you get **225, 251, 185**, and if you desaturate by 10%, it is **245, 251, 235**.

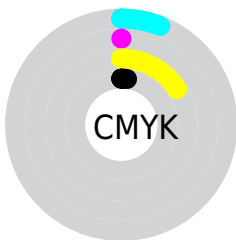
Distribution



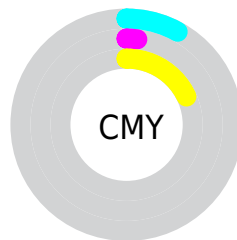
- Red (92%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 251, 210 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 235, 251, 210 by changing the saturation by 10% instead.

235, 251, 210

235, 251, 210

255, 255, 255

207, 222, 182

179, 194, 155

152, 167, 129

126, 141, 104

101, 115, 80

77, 91, 57

53, 67, 35

32, 45, 14

5, 25, 0

 235, 251, 210

 235, 251, 210

 225, 251, 185

 245, 251, 235

 215, 251, 160

 255, 251, 255

 206, 251, 135

 255, 251, 255

 196, 251, 110

 186, 251, 85

 176, 251, 59

 166, 251, 34

 157, 251, 9

 153, 251, 0

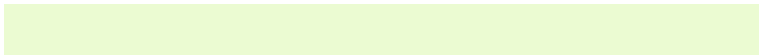
Harmonies

Analogous

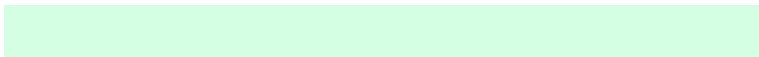
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 245, 203



235, 251, 210



212, 255, 226

Triad

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



235, 251, 210



202, 252, 255



255, 230, 243

Complementary

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



235, 251, 210



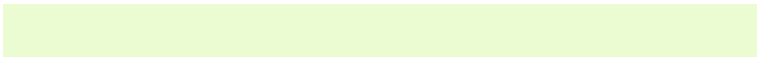
226, 210, 251

Split Complementary

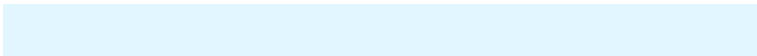
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 233, 255



235, 251, 210



226, 246, 255

Square

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



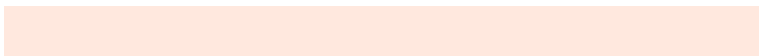
235, 251, 210



190, 255, 255



253, 239, 255



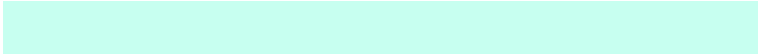
255, 232, 222

Rectangle

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



235, 251, 210



199, 255, 240



253, 239, 255



255, 231, 250

Sweetspot

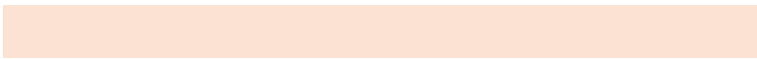
The Sweet Spot groups the original color and five complimentary colors.



235, 251, 210



250, 255, 242



251, 226, 210



125, 128, 120



0, 0, 0



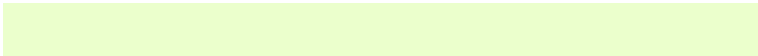
128, 128, 128

Same Dimension

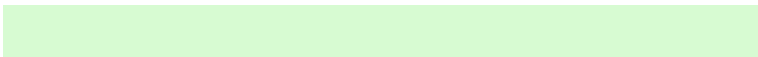
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 251, 210



235, 255, 204



215, 251, 210



120, 125, 112



115, 189, 0



37, 61, 0

Inverse Universe

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



226, 210, 251



224, 204, 255



246, 210, 251



117, 112, 125



74, 0, 189



24, 0, 61

Previews

White Background



This preview shows how the RGB color 235, 251, 210 looks on a white background.

Color Contrast Check

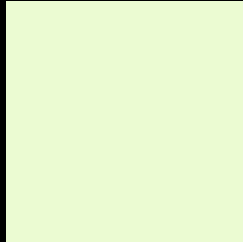
Large Text (above 18pt) WCAG AA × Fail

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 235, 251, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

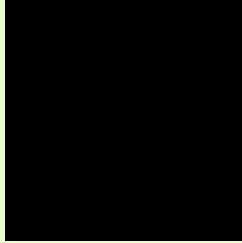
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

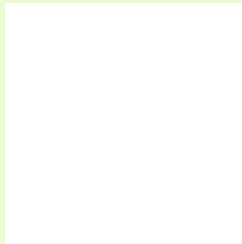
Any Text WCAG AAA ✓ Pass

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

RGB 235, 251, 210 Background



This preview shows how black text looks on a background with the RGB color 235, 251, 210.

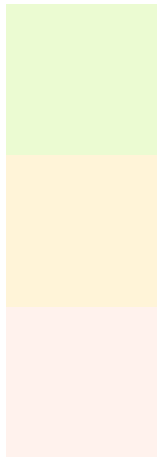


This preview shows how white text looks on a background with the RGB color 235, 251, 210.

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
235, 251, 210

Protanopia
255, 244, 216

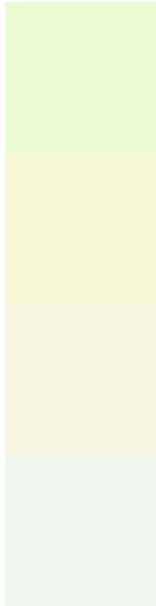
Deuteranopia
255, 242, 237



Tritanopia

244, 244, 255

Trichromacy



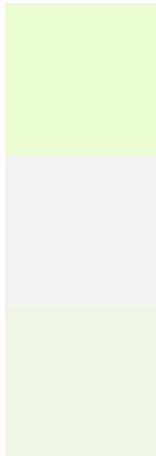
Original Color
235, 251, 210

Protanomaly
248, 247, 214

Deuteranomaly
248, 245, 227

Tritanomaly
241, 247, 239

Monochromacy



Original Color
235, 251, 210

Achromatopsia
242, 242, 242

Achromatomaly
239, 245, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 251, 210 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(235, 251, 210)` looks like.

```
.text, #text, p{  
    color:rgb(235, 251, 210)  
}
```

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(235, 251, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 251, 210) }
```

Border

The CSS property to change the border of an element to RGB 235, 251, 210 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(235, 251, 210) }
```

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

```
.border{ border-color:rgb(235, 251, 210) }
```

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

Here you see how a box with a 4 pixel rgb(235, 251, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 251, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 251, 210);  
box-shadow:4px 4px 4px 4px rgb(235, 251,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 235, 251, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 251, 210) }
```

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

```
.background{ background-color: rgb(235,  
251, 210) }
```

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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