

Converting Colors

RGB(235, 255, 218)

Have a look what the booklet for
RGB(235, 255, 218) contains.

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Color

RGB(235, 255, 218)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFDA
RGB	235, 255, 218
RGB Percent	92%, 100%, 85%
CMY	0.0784, 0.0000, 0.1451
CMYK	0.08, 0.00, 0.15, 0.00
HSL	92°, 100%, 93%
HSV	92°, 15%, 100%
XYZ	82.6758, 94.2441, 80.1631
YIQ	244.8020, -0.0430, -15.7470

Conversions

Conversions Part 2

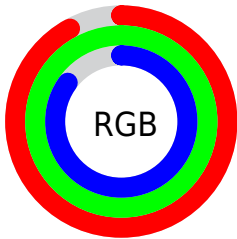
Format	Color
R _Y B	218, 255, 238
Decimal	15466458
CIE Lab	97.73, -12.93, 15.49
CIE LCh	98, 20.177, 129.837
Yxy	94.2441, 0.3216, 0.3666
Android (android.graphics.Color)	4293656538 (0xFFEBFFDA)
YUV	244.8020, -13.2134, -8.5964
Hunter-Lab	97.0794, -17.8728, 18.9970

Details

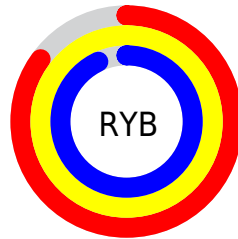
The RGB color **235, 255, 218** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **238, 218, 255**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 198, 163** is the 20% darker color. If you saturate the color by 10%, you get **221, 255, 193**, and if you desaturate by 10%, it is **249, 255, 243**.

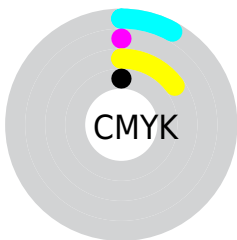
Distribution



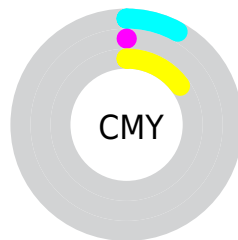
- Red (92%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 255, 218 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, 255, 218 by changing the saturation by 10% instead.

235, 255, 218

235, 255, 218

255, 255, 255

207, 226, 190

179, 198, 163

152, 171, 137

126, 144, 111

101, 119, 87

77, 94, 63

54, 70, 41

32, 48, 20

10, 27, 0

■ 235, 255, 218

■ 235, 255, 218

■ 221, 255, 193

■ 249, 255, 243

■ 207, 255, 167

255, 255, 255

■ 194, 255, 142

■ 180, 255, 116

■ 166, 255, 90

■ 152, 255, 65

■ 139, 255, 39

■ 125, 255, 14

■ 117, 255, 0

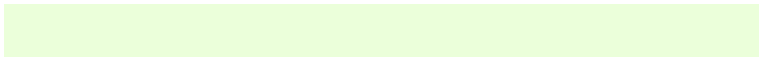
Harmonies

Analogous

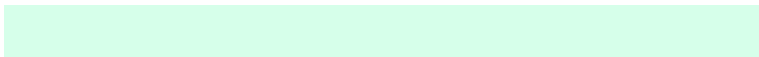
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 249, 210



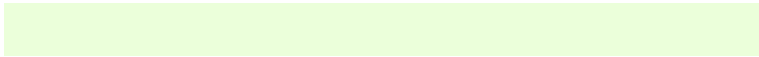
235, 255, 218



214, 255, 234

Triad

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



235, 255, 218



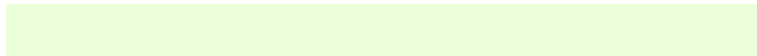
212, 254, 255



255, 235, 243

Complementary

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



235, 255, 218



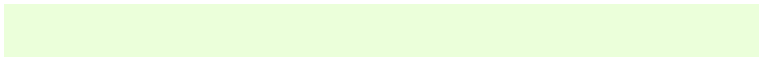
238, 218, 255

Split Complementary

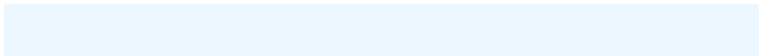
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 236, 255



235, 255, 218



235, 248, 255

Square

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



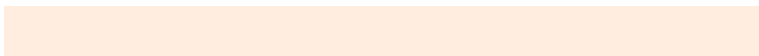
235, 255, 218



198, 255, 255



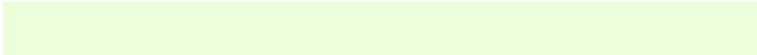
255, 241, 255



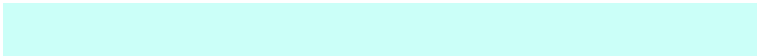
255, 237, 224

Rectangle

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



235, 255, 218



203, 255, 248



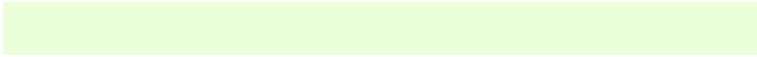
255, 241, 255



255, 235, 249

Sweetspot

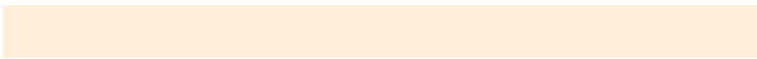
The Sweet Spot groups the original color and five complimentary colors.



235, 255, 218



249, 255, 245



255, 238, 218



124, 128, 121



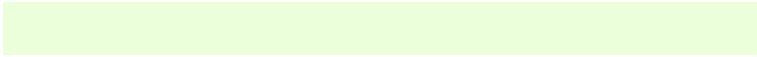
0, 0, 0



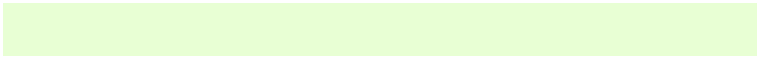
128, 128, 128

Same Dimension

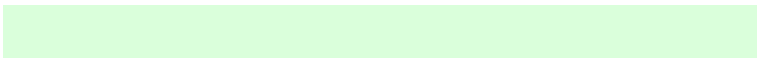
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 255, 218



232, 255, 212



218, 255, 219



121, 128, 115



88, 191, 0



29, 64, 0

Inverse Universe

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



238, 218, 255



235, 212, 255



255, 218, 254



122, 115, 128



103, 0, 191



34, 0, 64

Previews

White Background



This preview shows how the RGB color 235, 255, 218 looks on a white background.

Color Contrast Check

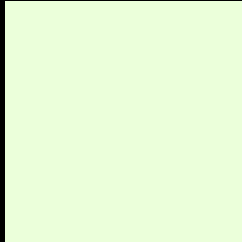
Large Text (above 18pt) WCAG AA × Fail

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, 255, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

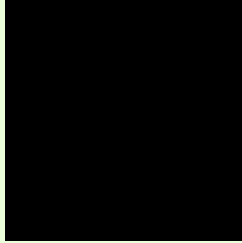
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

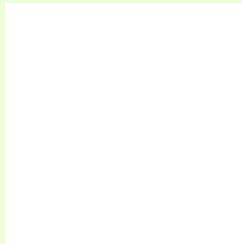
Any Text WCAG AAA ✓ Pass

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

RGB 235, 255, 218 Background



This preview shows how black text looks on a background with the RGB color 235, 255, 218.

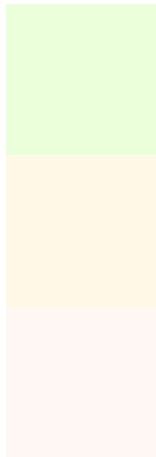


This preview shows how white text looks on a background with the RGB color 235, 255, 218.

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, 255, 218

Protanopia
255, 248, 230

Deuteranopia
255, 247, 243



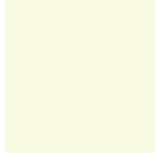
Tritanopia

246, 248, 255

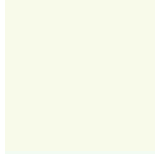
Trichromacy



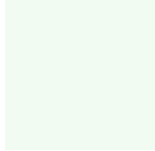
Original Color
235, 255, 218



Protanomaly
248, 251, 226

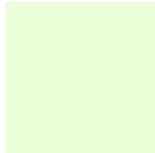


Deuteranomaly
248, 250, 234

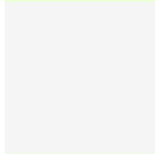


Tritanomaly
242, 251, 242

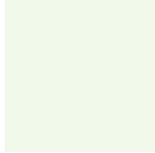
Monochromacy



Original Color
235, 255, 218



Achromatopsia
245, 245, 245



Achromatomaly
241, 249, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 255, 218 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, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 218)  
}
```

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, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 218) }
```

Border

The CSS property to change the border of an element to RGB 235, 255, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

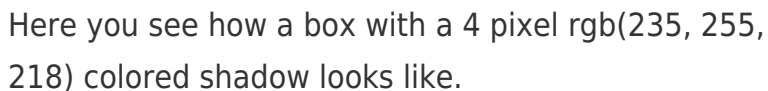
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 255, 218) }
```

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

```
.border{ border-color:rgb(235, 255, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 255, 218); box-shadow:4px 4px 4px 4px rgb(235, 255, 218) }
```

Background

The CSS property to change the background color of an element to RGB 235, 255, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 218) }
```

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

```
.background{ background-color: rgb(235,  
255, 218) }
```

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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