

Converting Colors

RGB(238, 255, 213)

Have a look what the booklet for
RGB(238, 255, 213) contains.

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Color

RGB(238, 255, 213)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFD5
RGB	238, 255, 213
RGB Percent	93%, 100%, 84%
CMY	0.0667, 0.0000, 0.1647
CMYK	0.07, 0.00, 0.16, 0.00
HSL	84°, 100%, 92%
HSV	84°, 16%, 100%
XYZ	83.0301, 94.5012, 76.8152
YIQ	245.1290, 3.3500, -16.6660

Conversions

Conversions Part 2

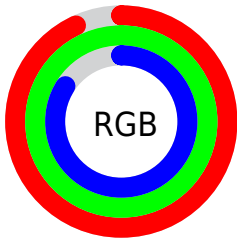
Format	Color
R _Y B	213, 255, 230
Decimal	15663061
CIE Lab	97.83, -12.69, 18.22
CIE LCh	98, 22.205, 124.855
Yxy	94.5012, 0.3264, 0.3715
Android (android.graphics.Color)	4293853141 (0xFFEEFFD5)
YUV	245.1290, -15.8396, -6.2521
Hunter-Lab	97.2117, -17.6608, 21.1982

Details

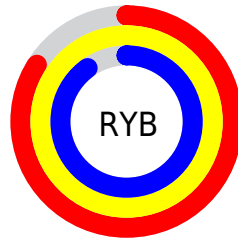
The RGB color **238, 255, 213** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **230, 213, 255**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 198, 158** is the 20% darker color. If you saturate the color by 10%, you get **228, 255, 188**, and if you desaturate by 10%, it is **248, 255, 239**.

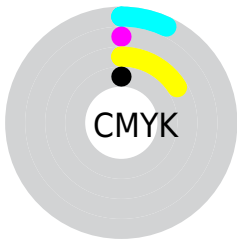
Distribution



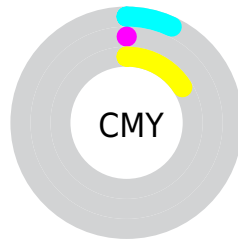
- Red (93%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 255, 213 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 238, 255, 213 by changing the saturation by 10% instead.

 238, 255, 213

255, 255, 255


 238, 255, 213

 210, 226, 185

 182, 198, 158

 155, 171, 132


 129, 144, 107

 103, 119, 82

 79, 94, 59

 56, 70, 37

 34, 48, 16

 11, 27, 0

■ 238, 255, 213

■ 238, 255, 213

■ 228, 255, 188

■ 248, 255, 239

■ 217, 255, 162

255, 255, 255

■ 207, 255, 137

■ 197, 255, 111

■ 186, 255, 86

■ 176, 255, 60

■ 166, 255, 34

■ 155, 255, 9

■ 152, 255, 0

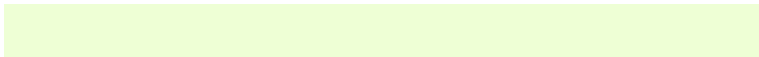
Harmonies

Analogous

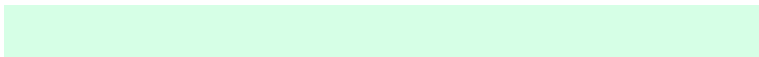
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 248, 206



238, 255, 213



214, 255, 230

Triad

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



238, 255, 213



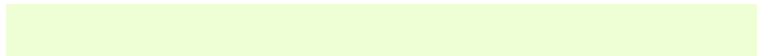
204, 255, 255



255, 234, 246

Complementary

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



238, 255, 213



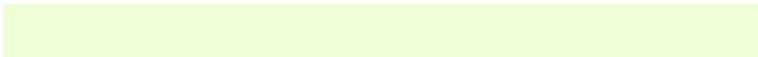
230, 213, 255

Split Complementary

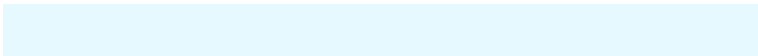
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 236, 255



238, 255, 213



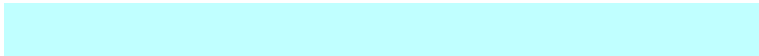
229, 249, 255

Square

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



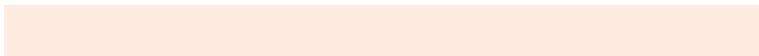
238, 255, 213



192, 255, 255



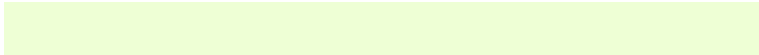
255, 242, 255



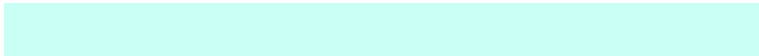
255, 236, 225

Rectangle

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



238, 255, 213



201, 255, 244



255, 242, 255



255, 234, 253

Sweetspot

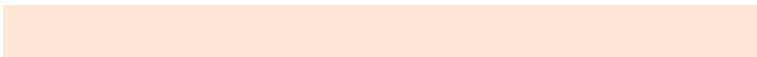
The Sweet Spot groups the original color and five complimentary colors.



238, 255, 213



250, 255, 242



255, 230, 213



124, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

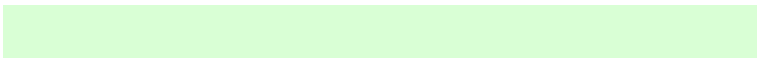
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 255, 213



234, 255, 204



217, 255, 213



122, 128, 115



114, 191, 0



38, 64, 0

Inverse Universe

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



230, 213, 255



225, 204, 255



251, 213, 255



120, 115, 128



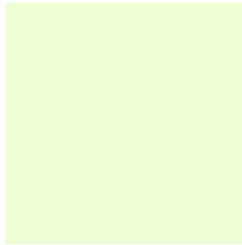
77, 0, 191



26, 0, 64

Previews

White Background



This preview shows how the RGB color 238, 255, 213 looks on a white background.

Color Contrast Check

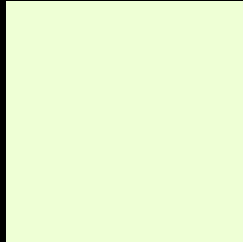
Large Text (above 18pt) WCAG AA × Fail

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 238, 255, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

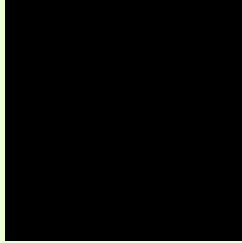
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

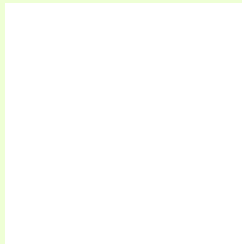
Any Text WCAG AAA ✓ Pass

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

RGB 238, 255, 213 Background



This preview shows how black text looks on a background with the RGB color 238, 255, 213.

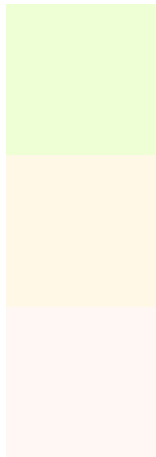


This preview shows how white text looks on a background with the RGB color 238, 255, 213.

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
238, 255, 213

Protanopia
255, 248, 231

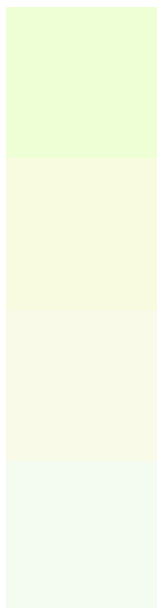
Deuteranopia
255, 247, 243



Tritanopia

248, 248, 255

Trichromacy



Original Color

238, 255, 213

Protanomaly

249, 251, 224

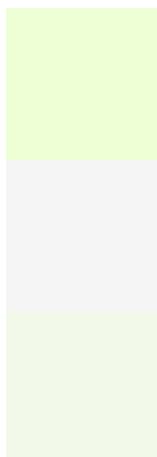
Deuteranomaly

249, 250, 232

Tritanomaly

244, 251, 240

Monochromacy



Original Color

238, 255, 213

Achromatopsia

245, 245, 245

Achromatomaly

242, 249, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 255, 213 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(238, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 213)  
}
```

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(238, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 213) }
```

Border

The CSS property to change the border of an element to RGB 238, 255, 213 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(238, 255, 213) }
```

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

```
.border{ border-color:rgb(238, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 238, 255, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 213) }
```

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

```
.background{ background-color: rgb(238,  
255, 213) }
```

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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