

Converting Colors

RGB(229, 253, 207)

Have a look what the booklet for
RGB(229, 253, 207) contains.

RGB(229, 253, 207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(229, 253, 207)

Conversions

Conversions Part 1

Format	Color
Hex	E5FDCF
RGB	229, 253, 207
RGB Percent	90%, 99%, 81%
CMY	0.1020, 0.0078, 0.1882
CMYK	0.09, 0.00, 0.18, 0.01
HSL	91°, 92%, 90%
HSV	91°, 18%, 99%
XYZ	78.7009, 91.4136, 72.5281
YIQ	240.5800, 0.4620, -19.3940

Conversions

Conversions Part 2

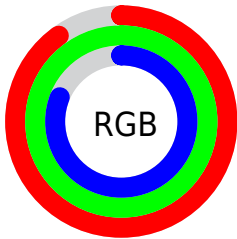
Format	Color
R_{YB}	207, 253, 231
Decimal	15072719
CIE _{Lab}	96.58, -15.74, 19.44
CIE _{LCh}	97, 25.012, 129.007
Y _{xy}	91.4136, 0.3243, 0.3767
Android (android.graphics.Color)	4293262799 (0xFFE5FDCF)
YUV	240.5800, -16.5549, -10.1557
Hunter-Lab	95.6104, -20.3876, 21.9512

Details

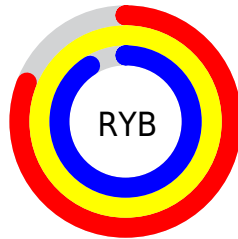
The RGB color **229, 253, 207** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **231, 207, 253**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 196, 153** is the 20% darker color. If you saturate the color by 10%, you get **216, 253, 182**, and if you desaturate by 10%, it is **242, 253, 232**.

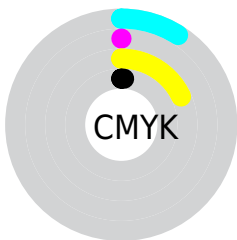
Distribution



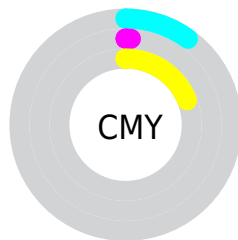
- Red (90%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (91%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 253, 207 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 229, 253, 207 by changing the saturation by 10% instead.

 229, 253, 207

255, 255, 255

 229, 253, 207


 201, 224, 179

 173, 196, 153

 146, 169, 126

 121, 143, 101

 95, 117, 77

 71, 92, 54

 48, 69, 32

 26, 46, 10

 0, 27, 0

■ 229, 253, 207

■ 229, 253, 207

■ 216, 253, 182

■ 242, 253, 232

■ 203, 253, 156

■ 255, 253, 255

■ 189, 253, 131

■ 176, 253, 106

■ 163, 253, 80

■ 150, 253, 55

■ 137, 253, 30

■ 123, 253, 5

■ 121, 253, 0

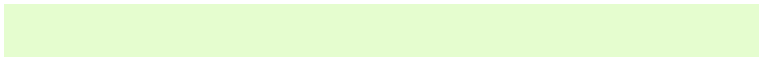
Harmonies

Analogous

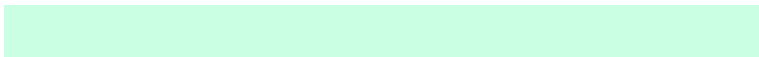
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 246, 197



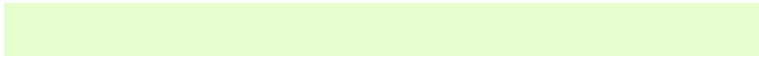
229, 253, 207



202, 255, 227

Triad

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



229, 253, 207



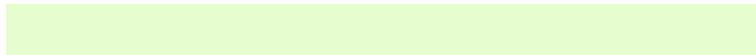
197, 252, 255



255, 228, 239

Complementary

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



229, 253, 207



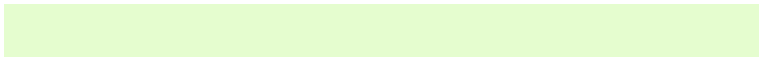
231, 207, 253

Split Complementary

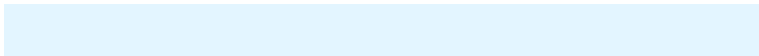
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 230, 255



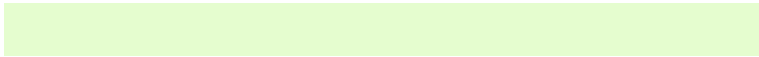
229, 253, 207



227, 245, 255

Square

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



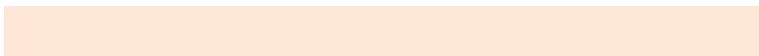
229, 253, 207



180, 255, 255



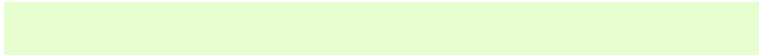
255, 237, 255



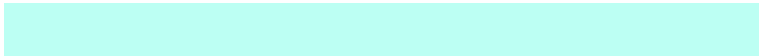
255, 231, 216

Rectangle

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



229, 253, 207



188, 255, 243



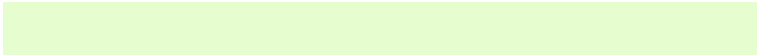
255, 237, 255



255, 228, 247

Sweetspot

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



229, 253, 207



248, 255, 242



253, 231, 207



124, 128, 120



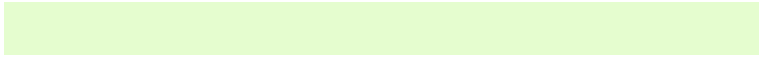
0, 0, 0



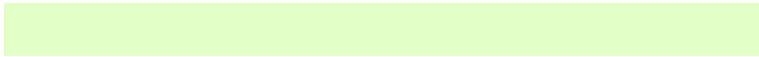
128, 128, 128

Same Dimension

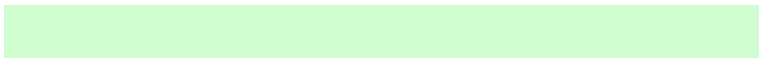
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 253, 207



226, 255, 199



207, 253, 208



121, 128, 115



91, 191, 0



30, 64, 0

Inverse Universe

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



231, 207, 253



228, 199, 255



253, 207, 252



121, 115, 128



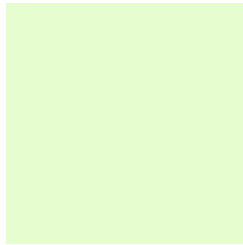
100, 0, 191



33, 0, 64

Previews

White Background



This preview shows how the RGB color 229, 253, 207 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 229, 253, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

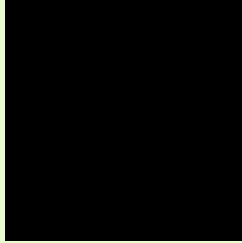
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

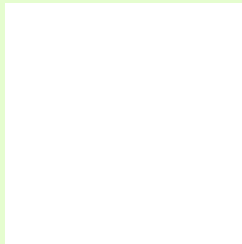
Any Text WCAG AAA ✓ Pass

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

RGB 229, 253, 207 Background



This preview shows how black text looks on a background with the RGB color 229, 253, 207.

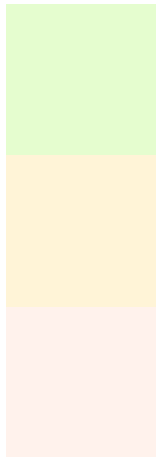


This preview shows how white text looks on a background with the RGB color 229, 253, 207.

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
229, 253, 207

Protanopia
255, 244, 215

Deuteranopia
255, 242, 236



Tritanopia

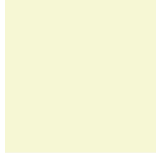
241, 245, 255

Trichromacy



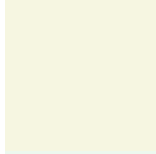
Original Color

229, 253, 207



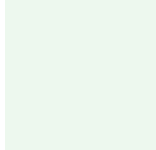
Protanomaly

246, 247, 212



Deuteranomaly

246, 246, 225



Tritanomaly

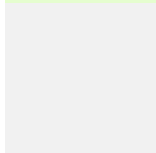
237, 248, 238

Monochromacy



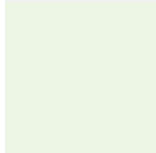
Original Color

229, 253, 207



Achromatopsia

241, 241, 241



Achromatomaly

237, 245, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 253, 207 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(229, 253, 207)` looks like.

```
.text, #text, p{  
    color:rgb(229, 253, 207)  
}
```

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(229, 253, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 253, 207) }
```

Border

The CSS property to change the border of an element to RGB 229, 253, 207 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(229, 253, 207) }
```

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

```
.border{ border-color:rgb(229, 253, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 253, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 253, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 253, 207);  
box-shadow:4px 4px 4px 4px rgb(229, 253,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 229, 253, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 253, 207) }
```

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

```
.background{ background-color: rgb(229,  
253, 207) }
```

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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