

Converting Colors

RGB(228, 255, 207)

Have a look what the booklet for
RGB(228, 255, 207) contains.

RGB(228, 255, 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(228, 255, 207)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFCF
RGB	228, 255, 207
RGB Percent	89%, 100%, 81%
CMY	0.1059, 0.0000, 0.1882
CMYK	0.11, 0.00, 0.19, 0.00
HSL	94°, 100%, 91%
HSV	94°, 19%, 100%
XYZ	79.0174, 92.5190, 72.7248
YIQ	241.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

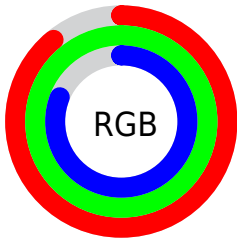
Format	Color
RYB	207, 255, 234
Decimal	15007695
CIELab	97.03, -17.06, 20.06
CIELCh	97, 26.333, 130.387
Yxy	92.5190, 0.3235, 0.3788
Android (android.graphics.Color)	4293197775 (0xFFE4FFCF)
YUV	241.4550, -16.9863, -11.8000
Hunter-Lab	96.1868, -21.6892, 22.5028

Details

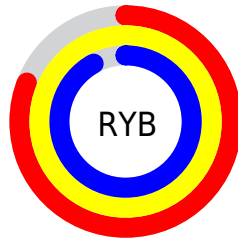
The RGB color **228, 255, 207** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **234, 207, 255**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 198, 153** is the 20% darker color. If you saturate the color by 10%, you get **214, 255, 181**, and if you desaturate by 10%, it is **242, 255, 233**.

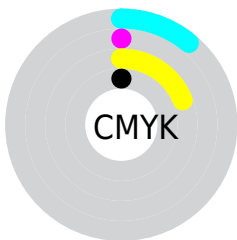
Distribution



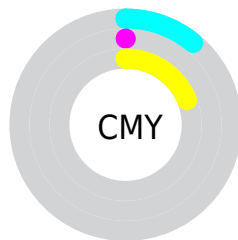
- Red (89%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 255, 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 228, 255, 207 by changing the saturation by 10% instead.

■ 228, 255, 207

255, 255, 255

■ 228, 255, 207

■ 200, 226, 179

■ 172, 198, 153

■ 145, 171, 126

■ 120, 144, 101

■ 94, 119, 77

■ 70, 94, 54

■ 47, 70, 32

■ 25, 48, 10

■ 0, 28, 0

■ 228, 255, 207

■ 228, 255, 207

■ 214, 255, 181

■ 242, 255, 233

■ 199, 255, 156

255, 255, 255

■ 185, 255, 131

■ 171, 255, 105

■ 156, 255, 80

■ 142, 255, 54

■ 128, 255, 28

■ 113, 255, 3

■ 112, 255, 0

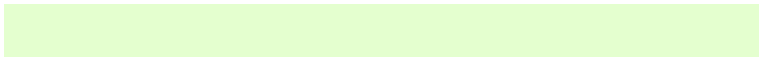
Harmonies

Analogous

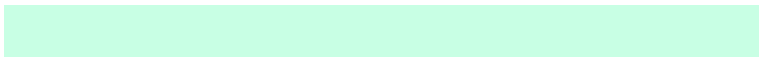
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 248, 196



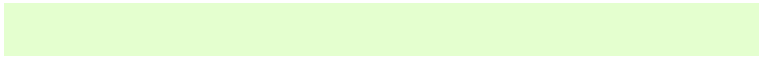
228, 255, 207



200, 255, 228

Triad

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



228, 255, 207



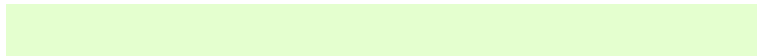
197, 254, 255



255, 228, 238

Complementary

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



228, 255, 207



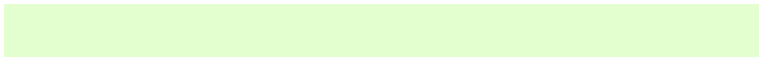
234, 207, 255

Split Complementary

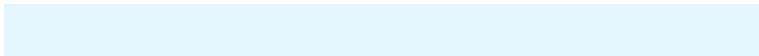
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 230, 255



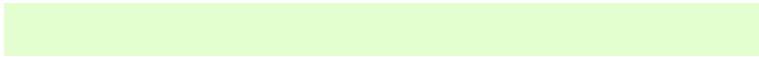
228, 255, 207



229, 246, 255

Square

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



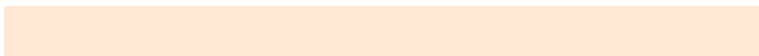
228, 255, 207



178, 255, 255



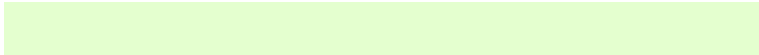
255, 237, 255



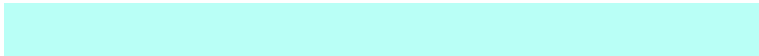
255, 232, 214

Rectangle

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



228, 255, 207



185, 255, 246



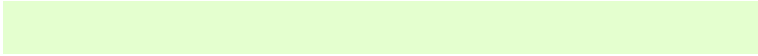
255, 237, 255



255, 228, 247

Sweetspot

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



228, 255, 207



246, 255, 240



255, 233, 207



122, 128, 119



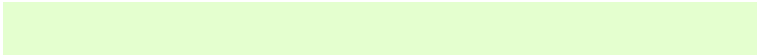
0, 0, 0



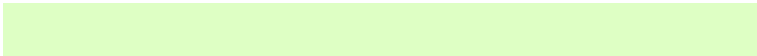
128, 128, 128

Same Dimension

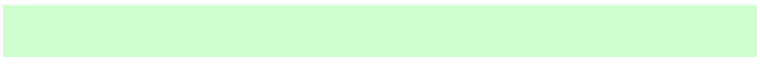
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 255, 207



222, 255, 196



207, 255, 209



120, 128, 115



84, 191, 0



28, 64, 0

Inverse Universe

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



234, 207, 255



229, 196, 255



255, 207, 253



122, 115, 128



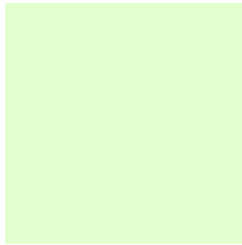
108, 0, 191



36, 0, 64

Previews

White Background



This preview shows how the RGB color 228, 255, 207 looks on a white background.

Color Contrast Check

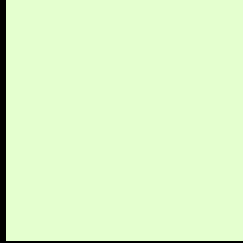
Large Text (above 18pt) WCAG AA × Fail

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 228, 255, 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

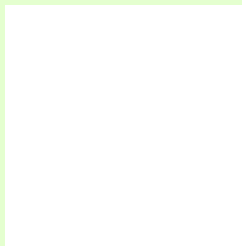
Any Text WCAG AAA ✓ Pass

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

RGB 228, 255, 207 Background



This preview shows how black text looks on a background with the RGB color 228, 255, 207.

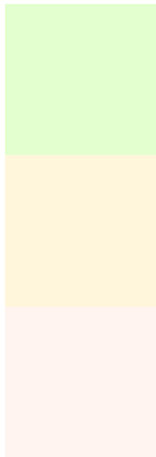


This preview shows how white text looks on a background with the RGB color 228, 255, 207.

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
228, 255, 207

Protanopia
255, 246, 220

Deuteranopia
255, 244, 239



Tritanopia

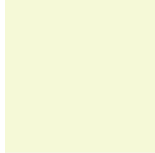
242, 246, 255

Trichromacy



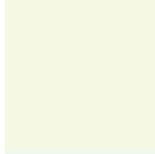
Original Color

228, 255, 207



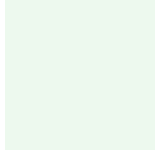
Protanomaly

245, 249, 215



Deuteranomaly

245, 248, 227



Tritanomaly

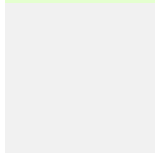
237, 249, 238

Monochromacy



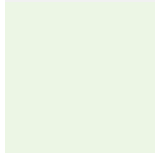
Original Color

228, 255, 207



Achromatopsia

241, 241, 241



Achromatomaly

236, 246, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 255, 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(228, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 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(228, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 207) }
```

Border

The CSS property to change the border of an element to RGB 228, 255, 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(228, 255, 207) }
```

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

```
.border{ border-color:rgb(228, 255, 207) }
```

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

Here you see how a box with a 4 pixel rgb(228, 255, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 228, 255, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 207) }
```

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

```
.background{ background-color: rgb(228,  
255, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor