

Converting Colors

RGB(229, 255, 212)

Have a look what the booklet for
RGB(229, 255, 212) contains.

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Color

RGB(229, 255, 212)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFD4
RGB	229, 255, 212
RGB Percent	90%, 100%, 83%
CMY	0.1020, 0.0000, 0.1686
CMYK	0.10, 0.00, 0.17, 0.00
HSL	96°, 100%, 92%
HSV	96°, 17%, 100%
XYZ	79.9568, 92.9315, 76.0108
YIQ	242.3240, -1.6930, -18.8850

Conversions

Conversions Part 2

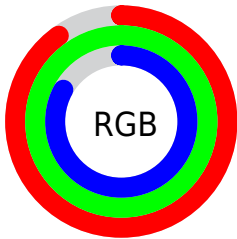
Format	Color
R_{YB}	212, 255, 238
Decimal	15073236
CIE _{Lab}	97.20, -15.93, 17.75
CIE _{LCh}	97, 23.852, 131.903
Yxy	92.9315, 0.3212, 0.3734
Android (android.graphics.Color)	4293263316 (0xFFE5FFD4)
YUV	242.3240, -14.9497, -11.6851
Hunter-Lab	96.4010, -20.6505, 20.7314

Details

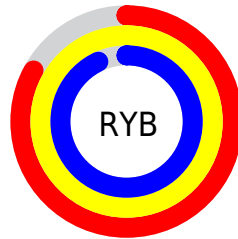
The RGB color **229, 255, 212** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 212, 255**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 198, 157** is the 20% darker color. If you saturate the color by 10%, you get **214, 255, 187**, and if you desaturate by 10%, it is **244, 255, 238**.

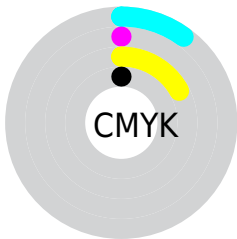
Distribution



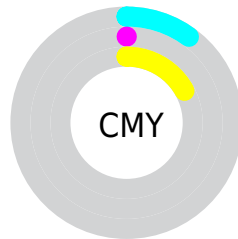
- Red (90%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 255, 212 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, 255, 212 by changing the saturation by 10% instead.

229, 255, 212

255, 255, 255

229, 255, 212

201, 226, 184

173, 198, 157

147, 171, 131

121, 144, 106

95, 119, 82

71, 94, 58

48, 70, 36

26, 48, 15

0, 28, 0

■ 229, 255, 212

■ 229, 255, 212

■ 214, 255, 187

■ 244, 255, 238

■ 198, 255, 161

255, 255, 255

■ 183, 255, 136

■ 167, 255, 110

■ 152, 255, 85

■ 136, 255, 59

■ 121, 255, 33

■ 106, 255, 8

■ 101, 255, 0

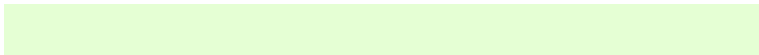
Harmonies

Analogous

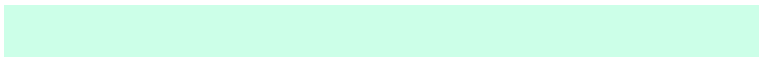
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 248, 202



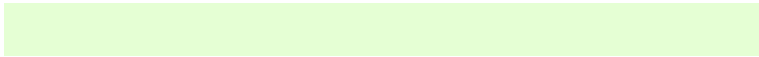
229, 255, 212



204, 255, 232

Triad

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



229, 255, 212



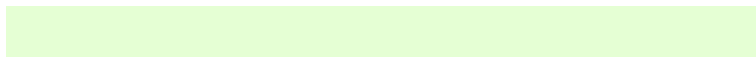
204, 253, 255



255, 231, 238

Complementary

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



229, 255, 212



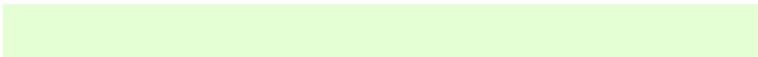
238, 212, 255

Split Complementary

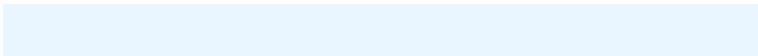
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 232, 255



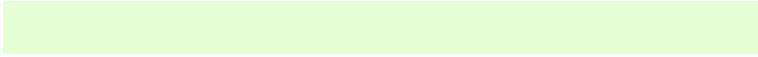
229, 255, 212



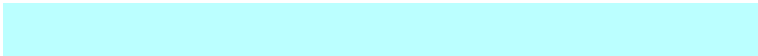
233, 246, 255

Square

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



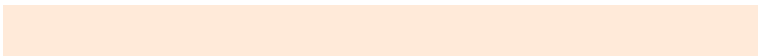
229, 255, 212



187, 255, 255



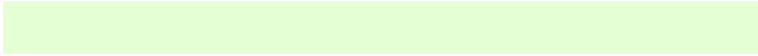
255, 238, 255



255, 234, 217

Rectangle

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



229, 255, 212



191, 255, 248



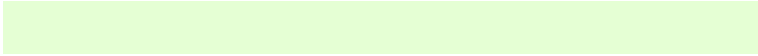
255, 238, 255



255, 231, 246

Sweetspot

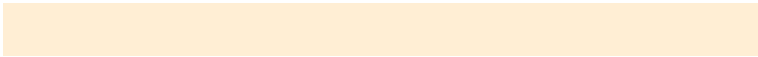
The Sweet Spot groups the original color and five complimentary colors.



229, 255, 212



247, 255, 242



255, 238, 212



123, 128, 120



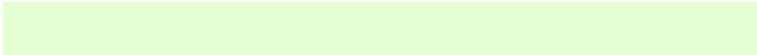
0, 0, 0



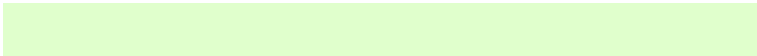
128, 128, 128

Same Dimension

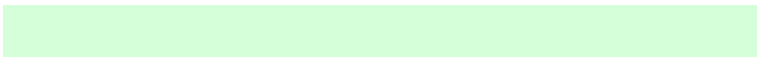
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 255, 212



224, 255, 204



212, 255, 216



120, 128, 115



76, 191, 0



25, 64, 0

Inverse Universe

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



238, 212, 255



235, 204, 255



255, 212, 251



122, 115, 128



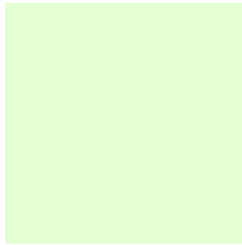
116, 0, 191



39, 0, 64

Previews

White Background



This preview shows how the RGB color 229, 255, 212 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, 255, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

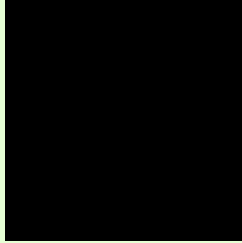
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

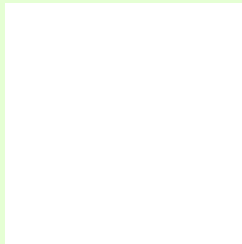
Any Text WCAG AAA ✓ Pass

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

RGB 229, 255, 212 Background



This preview shows how black text looks on a background with the RGB color 229, 255, 212.

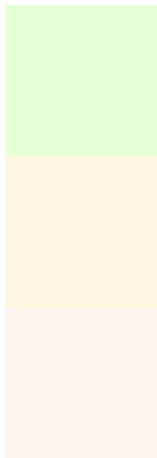


This preview shows how white text looks on a background with the RGB color 229, 255, 212.

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, 255, 212

Protanopia
255, 246, 223

Deuteranopia
255, 245, 240



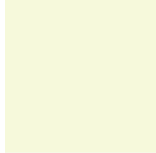
Tritanopia
243, 247, 255

Trichromacy



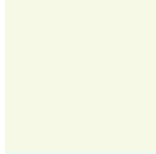
Original Color

229, 255, 212



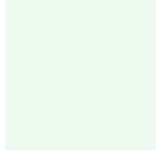
Protanomaly

246, 249, 219



Deuteranomaly

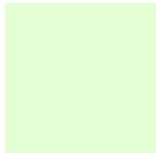
246, 249, 230



Tritanomaly

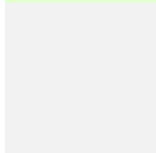
238, 250, 239

Monochromacy



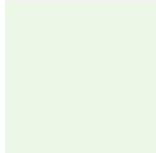
Original Color

229, 255, 212



Achromatopsia

242, 242, 242



Achromatomaly

237, 247, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 255, 212 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, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 212)  
}
```

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, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 212) }
```

Border

The CSS property to change the border of an element to RGB 229, 255, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

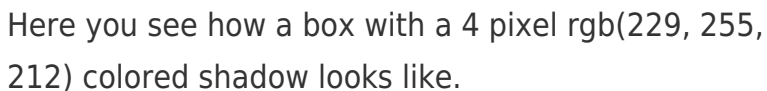
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 255, 212) }
```

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

```
.border{ border-color:rgb(229, 255, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(229, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 255, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 255, 212); box-shadow:4px 4px 4px 4px rgb(229, 255, 212) }
```

Background

The CSS property to change the background color of an element to RGB 229, 255, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 212) }
```

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

```
.background{ background-color: rgb(229,  
255, 212) }
```

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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