

Converting Colors

RGB(227, 255, 221)

Have a look what the booklet for
RGB(227, 255, 221) contains.

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Color

RGB(227, 255, 221)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFDD
RGB	227, 255, 221
RGB Percent	89%, 100%, 87%
CMY	0.1098, 0.0000, 0.1333
CMYK	0.11, 0.00, 0.13, 0.00
HSL	109°, 100%, 93%
HSV	109°, 13%, 100%
XYZ	80.4897, 93.0714, 82.1289
YIQ	242.7520, -5.7740, -16.5100

Conversions

Conversions Part 2

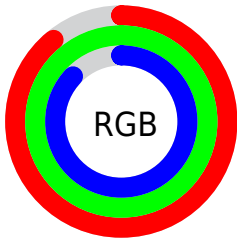
Format	Color
R _{YB}	221, 255, 249
Decimal	14942173
CIE _{Lab}	97.26, -15.13, 13.21
CIE _{LCh}	97, 20.086, 138.867
Yxy	93.0714, 0.3148, 0.3640
Android (android.graphics.Color)	4293132253 (0xFFE3FFDD)
YUV	242.7520, -10.7237, -13.8145
Hunter-Lab	96.4735, -19.9026, 17.0572

Details

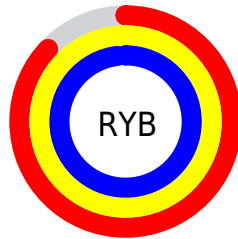
The RGB color **227, 255, 221** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 221, 255**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 198, 166** is the 20% darker color. If you saturate the color by 10%, you get **206, 255, 196**, and if you desaturate by 10%, it is **248, 255, 247**.

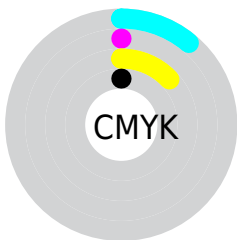
Distribution



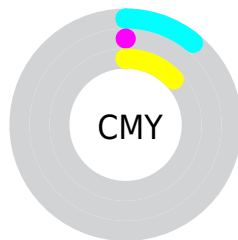
- Red (89%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 255, 221 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 227, 255, 221 by changing the saturation by 10% instead.

227, 255, 221

255, 255, 255

227, 255, 221

199, 226, 193

171, 198, 166

145, 171, 140

119, 144, 114

94, 119, 89

70, 94, 66

47, 70, 44

25, 48, 23

1, 27, 0

■ 227, 255, 221

■ 227, 255, 221

■ 206, 255, 196

■ 248, 255, 247

■ 185, 255, 170

255, 255, 255

■ 164, 255, 145

■ 143, 255, 119

■ 122, 255, 94

■ 101, 255, 68

■ 80, 255, 43

■ 59, 255, 17

■ 45, 255, 0

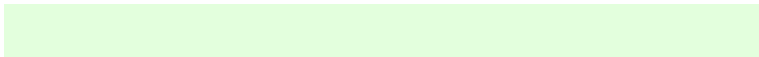
Harmonies

Analogous

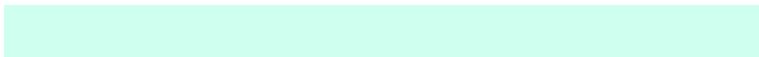
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 250, 210



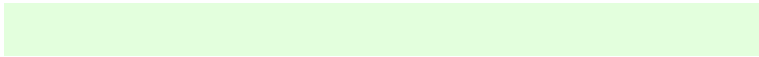
227, 255, 221



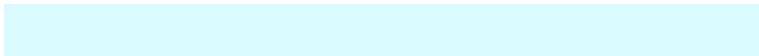
207, 255, 239

Triad

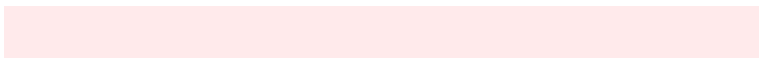
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 255, 221



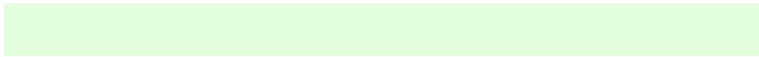
217, 251, 255



255, 234, 235

Complementary

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



227, 255, 221



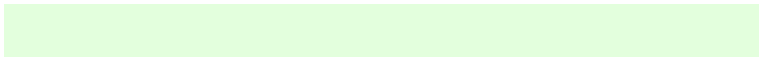
249, 221, 255

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, 234, 255



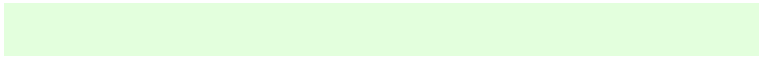
227, 255, 221



242, 245, 255

Square

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



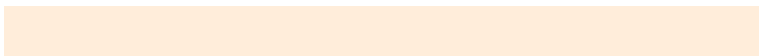
227, 255, 221



200, 255, 255



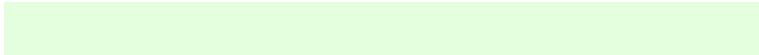
255, 238, 255



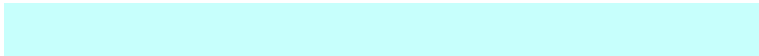
255, 237, 218

Rectangle

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



227, 255, 221



199, 255, 252



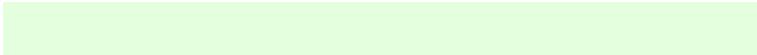
255, 238, 255



255, 234, 242

Sweetspot

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



227, 255, 221



247, 255, 245



255, 249, 221



122, 128, 121



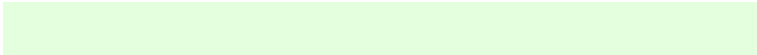
0, 0, 0



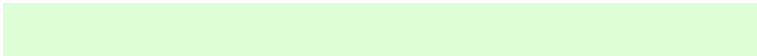
128, 128, 128

Same Dimension

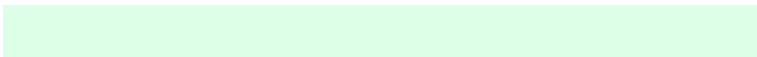
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227, 255, 221



221, 255, 214



221, 255, 232



117, 128, 115



34, 191, 0



11, 64, 0

Inverse Universe

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



249, 221, 255



248, 214, 255



255, 221, 244



125, 115, 128



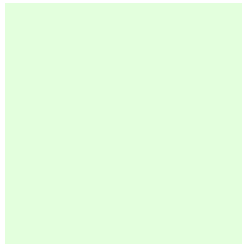
158, 0, 191



53, 0, 64

Previews

White Background



This preview shows how the RGB color 227, 255, 221 looks on a white background.

Color Contrast Check

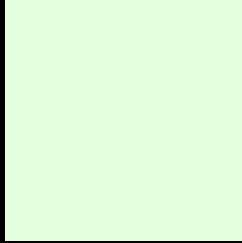
Large Text (above 18pt) WCAG AA × Fail

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 227, 255, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

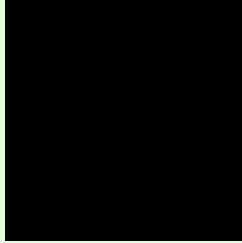
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

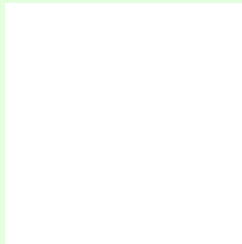
Any Text WCAG AAA ✓ Pass

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

RGB 227, 255, 221 Background



This preview shows how black text looks on a background with the RGB color 227, 255, 221.

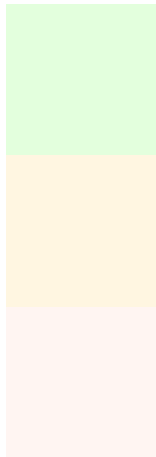


This preview shows how white text looks on a background with the RGB color 227, 255, 221.

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
227, 255, 221

Protanopia
255, 246, 225

Deuteranopia
255, 245, 242



Tritanopia

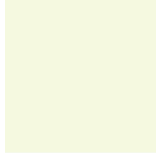
242, 247, 255

Trichromacy



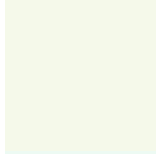
Original Color

227, 255, 221



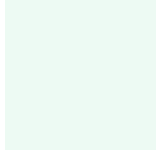
Protanomaly

245, 249, 224



Deuteranomaly

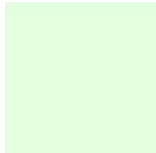
245, 249, 234



Tritanomaly

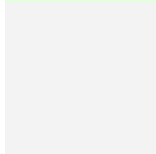
237, 250, 243

Monochromacy



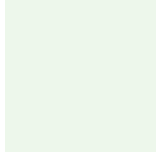
Original Color

227, 255, 221



Achromatopsia

243, 243, 243



Achromatomaly

237, 247, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 255, 221 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(227, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 221)  
}
```

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(227, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 221) }
```

Border

The CSS property to change the border of an element to RGB 227, 255, 221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

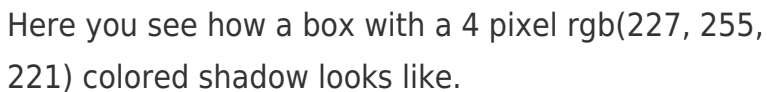
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 255, 221) }
```

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

```
.border{ border-color:rgb(227, 255, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 227, 255, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 221) }
```

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

```
.background{ background-color: rgb(227,  
255, 221) }
```

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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