

Converting Colors

RGB(221, 255, 221)

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

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Color

RGB(221, 255, 221)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFDD
RGB	221, 255, 221
RGB Percent	87%, 100%, 87%
CMY	0.1333, 0.0000, 0.1333
CMYK	0.13, 0.00, 0.13, 0.00
HSL	120°, 100%, 93%
HSV	120°, 13%, 100%
XYZ	78.6299, 92.1126, 82.0419
YIQ	240.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

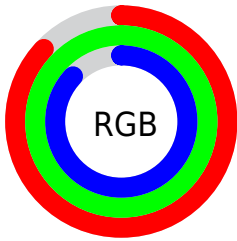
Format	Color
R_{YB}	221, 255, 255
Decimal	14548957
CIE _{Lab}	96.87, -17.12, 12.60
CIE _{LCh}	97, 21.257, 143.636
Yxy	92.1126, 0.3111, 0.3644
Android (android.graphics.Color)	4292739037 (0xFFDDFFDD)
YUV	240.9580, -9.8393, -17.5032
Hunter-Lab	95.9753, -21.7167, 16.5003

Details

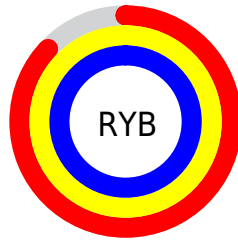
The RGB color **221, 255, 221** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 221, 255**, and the grayscale version is **241, 241, 241**.

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

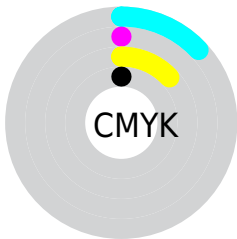
Distribution



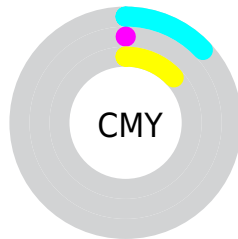
- Red (87%)
- Green (100%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

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

 221, 255, 221

255, 255, 255


 221, 255, 221

 193, 226, 193

 166, 198, 166


 139, 171, 140

 113, 144, 114

 89, 119, 89

 65, 94, 66

 42, 70, 44

 20, 47, 23

 0, 28, 0

 221, 255, 221

 221, 255, 221

 196, 255, 196

 247, 255, 247

 170, 255, 170

255, 255, 255

 145, 255, 145

 119, 255, 119

 94, 255, 94

 68, 255, 68

 43, 255, 43

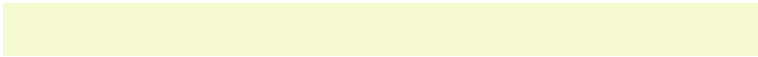
 17, 255, 17

 0, 255, 0

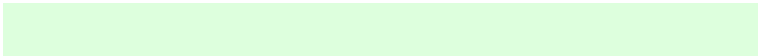
Harmonies

Analogous

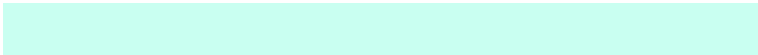
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 250, 208



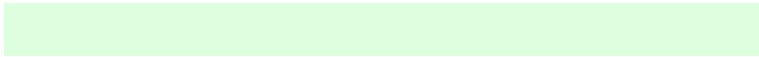
221, 255, 221



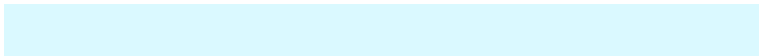
201, 255, 241

Triad

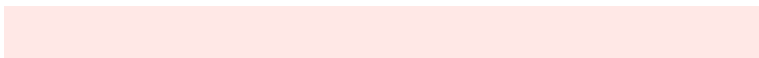
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 255, 221



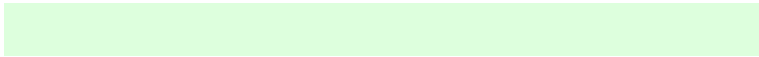
218, 249, 255



255, 232, 230

Complementary

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



221, 255, 221



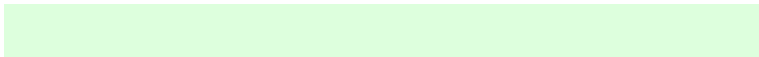
255, 221, 255

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, 232, 251



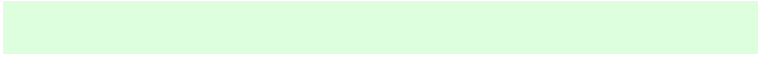
221, 255, 221



244, 242, 255

Square

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



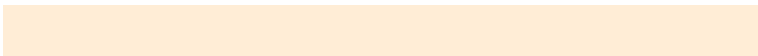
221, 255, 221



198, 255, 255



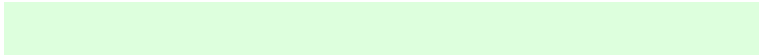
255, 236, 255



255, 237, 214

Rectangle

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



221, 255, 221



193, 255, 255



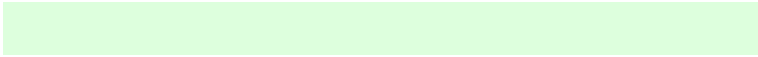
255, 236, 255



255, 232, 237

Sweetspot

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



221, 255, 221



245, 255, 245



255, 255, 221



121, 128, 121



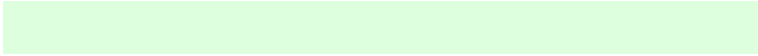
0, 0, 0



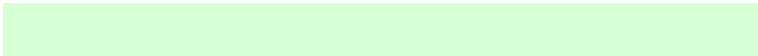
128, 128, 128

Same Dimension

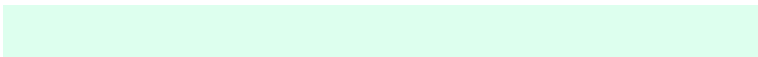
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 255, 221



214, 255, 214



221, 255, 238



115, 128, 115



0, 191, 0



0, 64, 0

Inverse Universe

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



255, 221, 255



255, 214, 255



255, 221, 238



128, 115, 128



191, 0, 191



64, 0, 64

Previews

White Background



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

Color Contrast Check

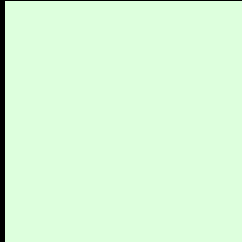
Large Text (above 18pt) WCAG AA × Fail

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 221, 255, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

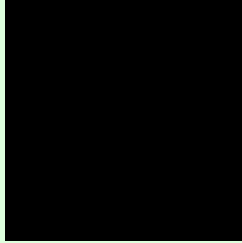
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

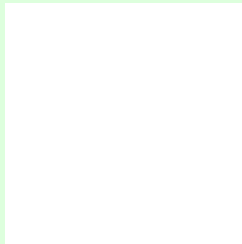
Any Text WCAG AAA ✓ Pass

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

RGB 221, 255, 221 Background



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

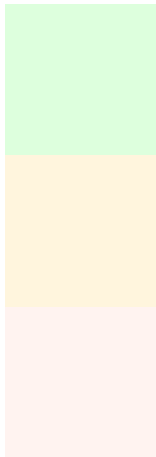


This preview shows how white text looks on a background with the RGB color 221, 255, 221.

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
221, 255, 221

Protanopia
255, 245, 221

Deuteranopia
255, 243, 240



Tritanopia

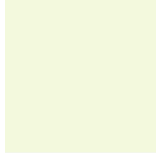
239, 247, 255

Trichromacy



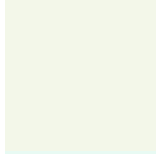
Original Color

221, 255, 221



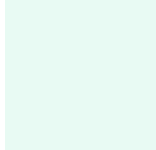
Protanomaly

243, 249, 221



Deuteranomaly

243, 247, 233



Tritanomaly

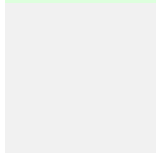
232, 250, 243

Monochromacy



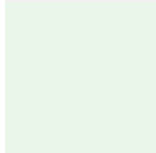
Original Color

221, 255, 221



Achromatopsia

241, 241, 241



Achromatomaly

234, 246, 234

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(221, 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(221, 255, 221) colored shadow looks like.

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

Border

The CSS property to change the border of an element to RGB 221, 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(221, 255, 221) }
```

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

```
.border{ border-color:rgb(221, 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(221, 255, 221)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 221, 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(221, 255, 221) }
```

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

```
.background{ background-color: rgb(221,  
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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