

Converting Colors

RGB(201, 255, 205)

Have a look what the booklet for
RGB(201, 255, 205) contains.

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Color

RGB(201, 255, 205)

Conversions

Conversions Part 1

Format	Color
Hex	C9FFCD
RGB	201, 255, 205
RGB Percent	79%, 100%, 80%
CMY	0.2118, 0.0000, 0.1961
CMYK	0.21, 0.00, 0.20, 0.00
HSL	124°, 100%, 89%
HSV	124°, 21%, 100%
XYZ	70.8668, 88.3453, 71.0749
YIQ	233.1540, -16.1340, -26.9980

Conversions

Conversions Part 2

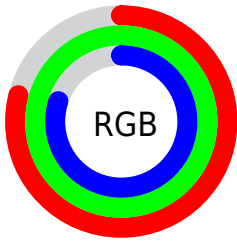
Format	Color
RYB	201, 251, 255
Decimal	13238221
CIELab	95.31, -26.38, 18.41
CIElCh	95, 32.170, 145.082
Yxy	88.3453, 0.3077, 0.3836
Android (android.graphics.Color)	4291428301 (0xFFC9FFCD)
YUV	233.1540, -13.8799, -28.1991
Hunter-Lab	93.9922, -29.9035, 20.9607

Details

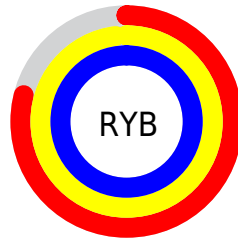
The RGB color **201, 255, 205** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 201, 251**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 198, 151** is the 20% darker color. If you saturate the color by 10%, you get **176, 255, 181**, and if you desaturate by 10%, it is **227, 255, 229**.

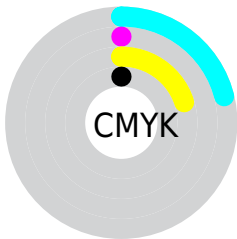
Distribution



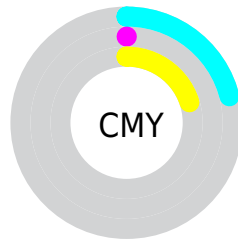
- Red (79%)
- Green (100%)
- Blue (80%)



- Red (79%)
- Yellow (98%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 255, 205 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 201, 255, 205 by changing the saturation by 10% instead.


 201, 255, 205


255, 255, 255

 201, 255, 205

 173, 226, 177

 146, 198, 151

 120, 171, 125


 94, 144, 100

 69, 118, 75

 45, 93, 52

 19, 69, 31

 0, 46, 8

 0, 27, 0

■ 201, 255, 205

■ 201, 255, 205

■ 176, 255, 181

■ 227, 255, 229

■ 150, 255, 158

■ 252, 255, 252

■ 124, 255, 134

255, 255, 255

■ 99, 255, 111

■ 73, 255, 87

■ 48, 255, 63

■ 22, 255, 40

■ 0, 255, 19

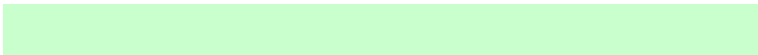
Harmonies

Analogous

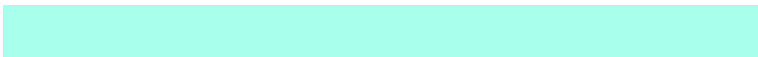
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 248, 185



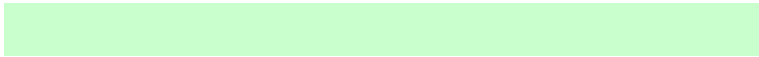
201, 255, 205



168, 255, 235

Triad

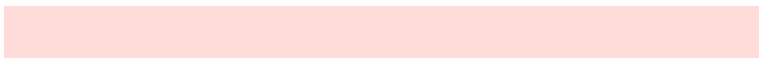
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 255, 205



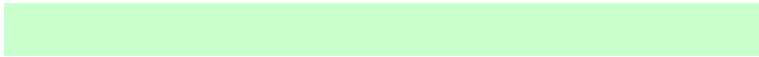
196, 246, 255



255, 220, 217

Complementary

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



201, 255, 205



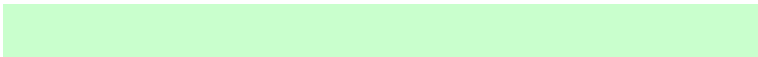
255, 201, 251

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, 219, 248



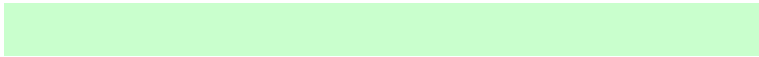
201, 255, 205



240, 235, 255

Square

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



201, 255, 205



161, 254, 255



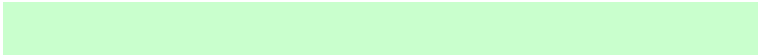
255, 225, 255



255, 227, 192

Rectangle

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



201, 255, 205



154, 255, 255



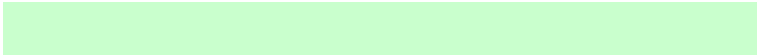
255, 225, 255



255, 219, 227

Sweetspot

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



201, 255, 205



240, 255, 241



251, 255, 201



119, 128, 119



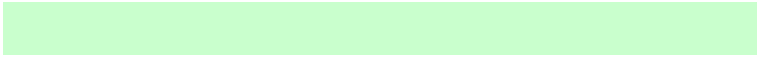
0, 0, 0



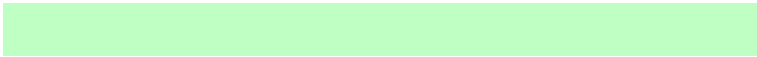
128, 128, 128

Same Dimension

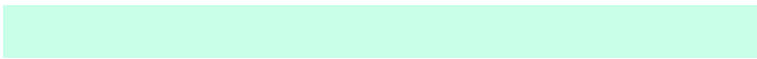
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 255, 205



191, 255, 196



201, 255, 232



115, 128, 116



0, 191, 14



0, 64, 5

Inverse Universe

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



255, 201, 251



255, 191, 250



255, 201, 224



128, 115, 127



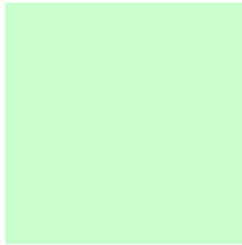
191, 0, 177



64, 0, 59

Previews

White Background



This preview shows how the RGB color 201, 255, 205 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 201, 255, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

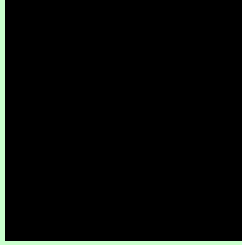
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

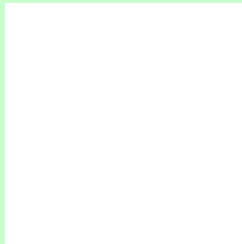
Any Text WCAG AAA ✓ Pass

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

RGB 201, 255, 205 Background



This preview shows how black text looks on a background with the RGB color 201, 255, 205.

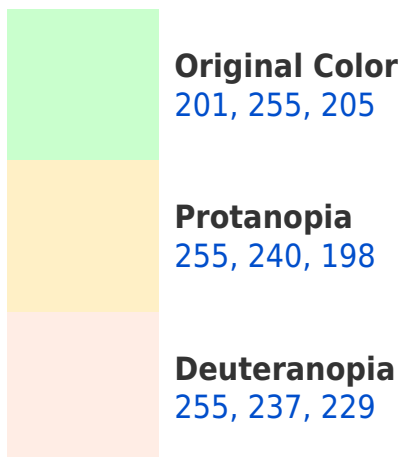


This preview shows how white text looks on a background with the RGB color 201, 255, 205.

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](#).

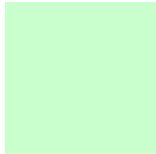
Dichromacy





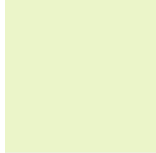
Tritanopia
226, 244, 255

Trichromacy



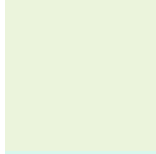
Original Color

201, 255, 205



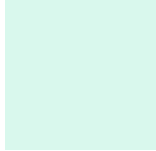
Protanomaly

235, 245, 201



Deuteranomaly

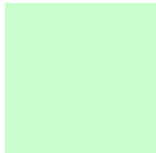
235, 244, 220



Tritanomaly

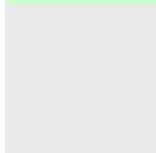
217, 248, 237

Monochromacy



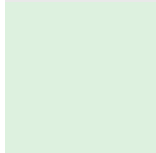
Original Color

201, 255, 205



Achromatopsia

233, 233, 233



Achromatomaly

221, 241, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 255, 205 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(201, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 205)  
}
```

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(201, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 205) }
```

Border

The CSS property to change the border of an element to RGB 201, 255, 205 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(201, 255, 205) }
```

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

```
.border{ border-color:rgb(201, 255, 205) }
```

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

Here you see how a box with a 4 pixel rgb(201, 255, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 201, 255, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 205) }
```

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

```
.background{ background-color: rgb(201,  
255, 205) }
```

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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