

Converting Colors

RGB(201, 252, 169)

Have a look what the booklet for
RGB(201, 252, 169) contains.

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Color

RGB(201, 252, 169)

Conversions

Conversions Part 1

Format	Color
Hex	C9FCA9
RGB	201, 252, 169
RGB Percent	79%, 99%, 66%
CMY	0.2118, 0.0118, 0.3373
CMYK	0.20, 0.00, 0.33, 0.01
HSL	97°, 93%, 83%
HSV	97°, 33%, 99%
XYZ	66.0592, 84.9029, 50.4423
YIQ	227.2890, -3.7530, -36.6250

Conversions

Conversions Part 2

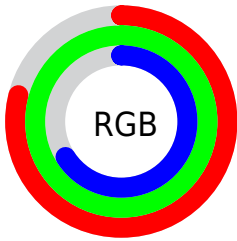
Format	Color
RYB	169, 252, 220
Decimal	13237417
CIELab	93.84, -30.56, 34.63
CIELCh	94, 46.183, 131.427
Yxy	84.9029, 0.3280, 0.4216
Android (android.graphics.Color)	4291427497 (0xFFC9FCA9)
YUV	227.2890, -28.7365, -23.0555
Hunter-Lab	92.1428, -33.2791, 32.0424

Details

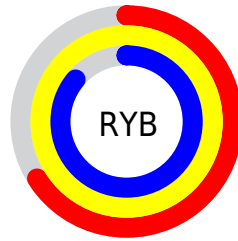
The RGB color **201, 252, 169** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **220, 169, 252**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 225**, and **146, 195, 116** is the 20% darker color. If you saturate the color by 10%, you get **186, 252, 144**, and if you desaturate by 10%, it is **216, 252, 194**.

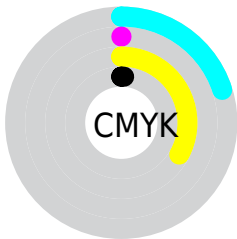
Distribution



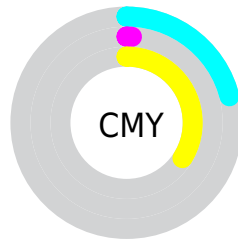
- Red (79%)
- Green (99%)
- Blue (66%)



- Red (66%)
- Yellow (99%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (1%)



- Cyan (21%)
- Magenta (1%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 252, 169 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, 252, 169 by changing the saturation by 10% instead.

 201, 252, 169

255, 255, 255

 255, 255, 225

255, 255, 254

 201, 252, 169

 173, 223, 142


 146, 195, 116

 119, 168, 91

 93, 141, 66

 67, 115, 42

 42, 91, 18

 15, 67, 0

 0, 44, 0

 0, 22, 0

 201, 252, 169


 201, 252, 169

 186, 252, 144

 216, 252, 194

 170, 252, 119


 232, 252, 219


 155, 252, 93


 247, 252, 245

 139, 252, 68

 255, 252, 255

 124, 252, 43

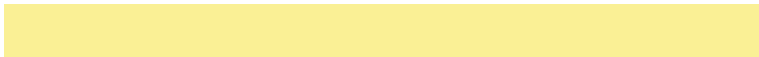
 108, 252, 18

 97, 252, 0

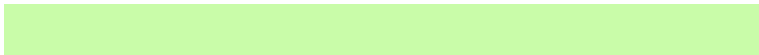
Harmonies

Analogous

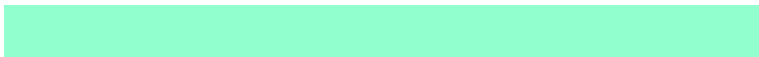
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250, 240, 149



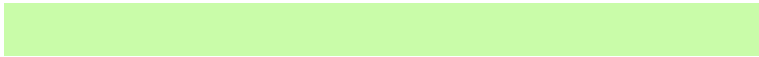
201, 252, 169



146, 255, 207

Triad

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



201, 252, 169



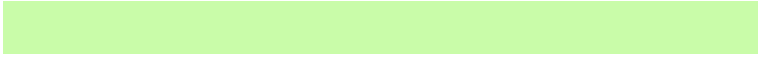
127, 250, 255



255, 203, 222

Complementary

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



201, 252, 169



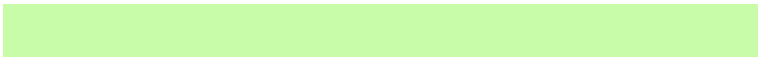
220, 169, 252

Split Complementary

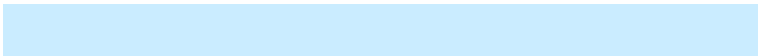
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 207, 255



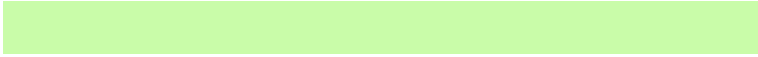
201, 252, 169



202, 236, 255

Square

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



201, 252, 169



66, 255, 255



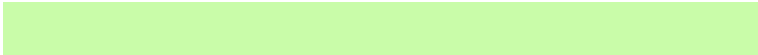
255, 220, 255



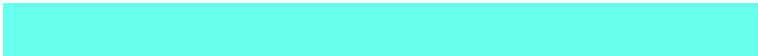
255, 211, 180

Rectangle

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



201, 252, 169



107, 255, 238



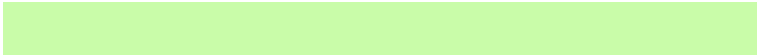
255, 220, 255



255, 203, 237

Sweetspot

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



201, 252, 169



239, 255, 230



252, 219, 169



118, 128, 112



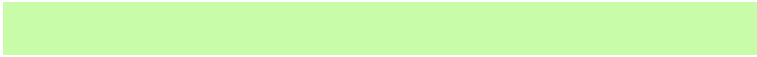
0, 0, 0



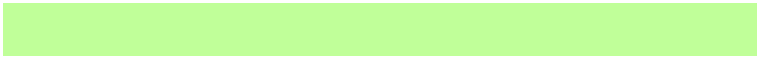
128, 128, 128

Same Dimension

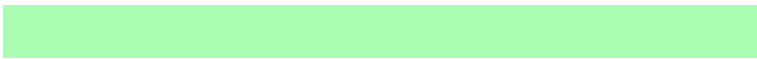
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 252, 169



192, 255, 153



169, 252, 177



117, 125, 112



73, 189, 0



24, 61, 0

Inverse Universe

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



220, 169, 252



216, 153, 255



252, 169, 244



120, 112, 125



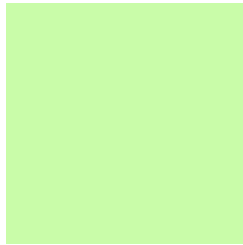
116, 0, 189



38, 0, 61

Previews

White Background



This preview shows how the RGB color 201, 252, 169 looks on a white background.

Color Contrast Check

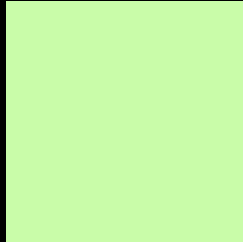
Large Text (above 18pt) WCAG AA × Fail

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, 252, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

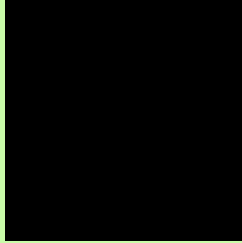
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

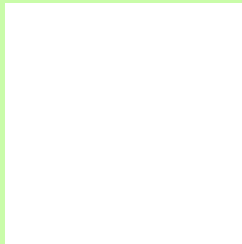
Any Text WCAG AAA ✓ Pass

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

RGB 201, 252, 169 Background



This preview shows how black text looks on a background with the RGB color 201, 252, 169.

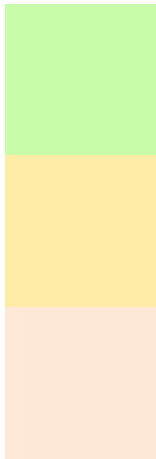


This preview shows how white text looks on a background with the RGB color 201, 252, 169.

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
201, 252, 169

Protanopia
255, 236, 167

Deuteranopia
255, 233, 214



Tritanopia

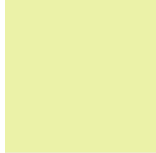
220, 240, 255

Trichromacy



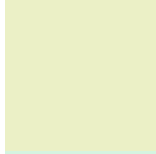
Original Color

201, 252, 169



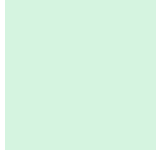
Protanomaly

235, 242, 168



Deuteranomaly

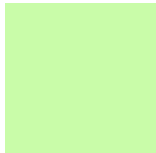
235, 240, 198



Tritanomaly

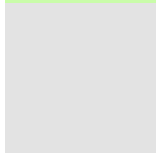
213, 244, 224

Monochromacy



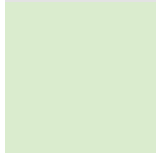
Original Color

201, 252, 169



Achromatopsia

227, 227, 227



Achromatomaly

218, 236, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 252, 169 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, 252, 169)` looks like.

```
.text, #text, p{  
    color:rgb(201, 252, 169)  
}
```

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, 252, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 252, 169) }
```

Border

The CSS property to change the border of an element to RGB 201, 252, 169 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, 252, 169) }
```

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

```
.border{ border-color:rgb(201, 252, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 252, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 252, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 252, 169); box-shadow:4px 4px 4px 4px rgb(201, 252, 169) }
```

Background

The CSS property to change the background color of an element to RGB 201, 252, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 252, 169) }
```

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

```
.background{ background-color: rgb(201,  
252, 169) }
```

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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