

Converting Colors

RGB(201, 246, 164)

Have a look what the booklet for
RGB(201, 246, 164) contains.

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Color

RGB(201, 246, 164)

Conversions

Conversions Part 1

Format	Color
Hex	C9F6A4
RGB	201, 246, 164
RGB Percent	79%, 96%, 64%
CMY	0.2118, 0.0353, 0.3569
CMYK	0.18, 0.00, 0.33, 0.04
HSL	93°, 82%, 80%
HSV	93°, 33%, 96%
XYZ	63.7440, 81.0094, 47.3987
YIQ	223.1970, -0.4980, -35.0420

Conversions

Conversions Part 2

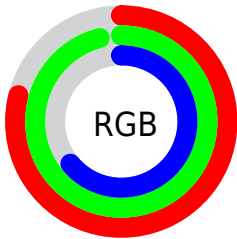
Format	Color
RYB	164, 246, 209
Decimal	13235876
CIELab	92.14, -28.44, 34.86
CIElCh	92, 44.995, 129.208
Yxy	81.0094, 0.3317, 0.4216
Android (android.graphics.Color)	4291425956 (0xFFC9F6A4)
YUV	223.1970, -29.1841, -19.4668
Hunter-Lab	90.0052, -31.0908, 31.7803

Details

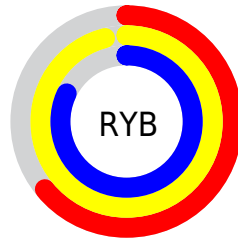
The RGB color **201, 246, 164** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **209, 164, 246**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 220**, and **146, 190, 111** is the 20% darker color. If you saturate the color by 10%, you get **187, 246, 139**, and if you desaturate by 10%, it is **215, 246, 189**.

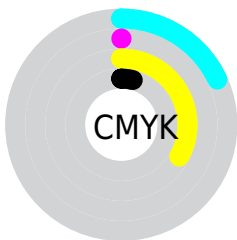
Distribution



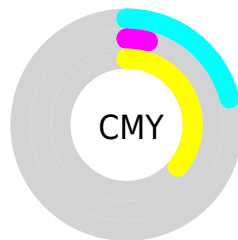
- Red (79%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 246, 164 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, 246, 164 by changing the saturation by 10% instead.

 201, 246, 164

255, 255, 255

 255, 255, 220


 255, 255, 248

 201, 246, 164


 173, 217, 137

 146, 190, 111

 119, 162, 86

 93, 136, 62

 68, 110, 38

 43, 86, 13

 18, 62, 0

 0, 40, 0

 0, 14, 0

 201, 246, 164


 201, 246, 164

 187, 246, 139


 215, 246, 189

 174, 246, 115


 228, 246, 213


 160, 246, 90


 242, 246, 238

 147, 246, 66

 255, 246, 255

 133, 246, 41

 120, 246, 16

 111, 246, 0

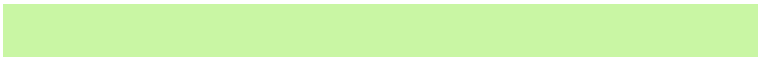
Harmonies

Analogous

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



248, 234, 146



201, 246, 164



148, 253, 200

Triad

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



201, 246, 164



121, 245, 255



255, 199, 221

Complementary

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



201, 246, 164



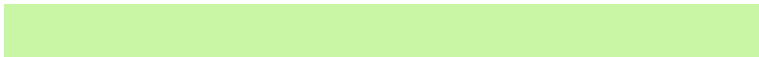
209, 164, 246

Split Complementary

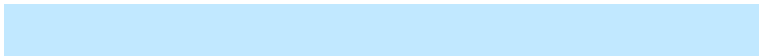
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 203, 255



201, 246, 164



193, 232, 255

Square

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



201, 246, 164



68, 253, 255



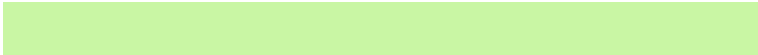
255, 216, 255



255, 206, 180

Rectangle

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



201, 246, 164



111, 255, 230



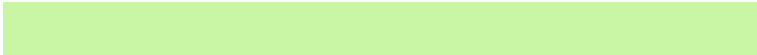
255, 216, 255



255, 199, 235

Sweetspot

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



201, 246, 164



241, 255, 230



246, 208, 164



119, 128, 112



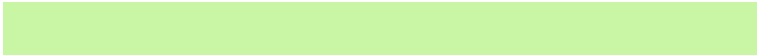
0, 0, 0



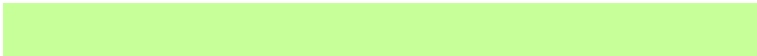
128, 128, 128

Same Dimension

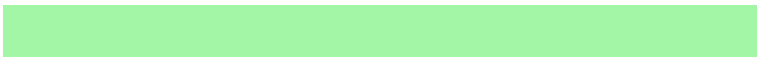
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 246, 164



199, 255, 153



164, 246, 167



116, 122, 110



84, 186, 0



26, 59, 0

Inverse Universe

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



209, 164, 246



209, 153, 255



246, 164, 243



117, 110, 122



102, 0, 186



32, 0, 59

Previews

White Background



This preview shows how the RGB color 201, 246, 164 looks on a white background.

Color Contrast Check

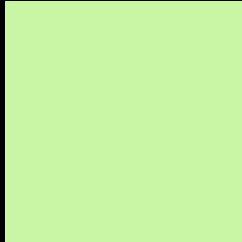
Large Text (above 18pt) WCAG AA × Fail

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, 246, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

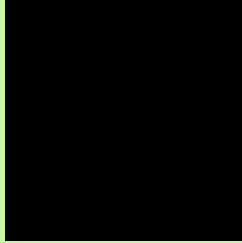
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

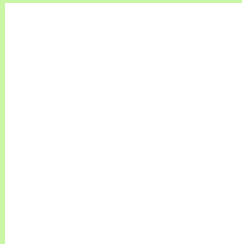
Any Text WCAG AAA ✓ Pass

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

RGB 201, 246, 164 Background



This preview shows how black text looks on a background with the RGB color 201, 246, 164.

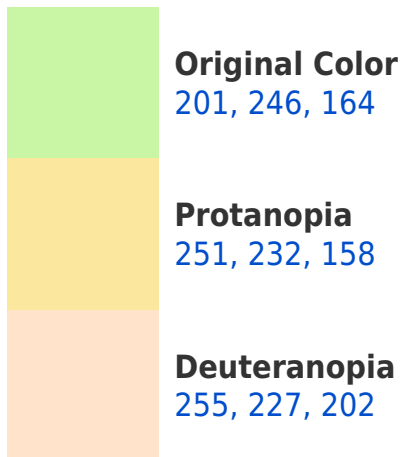


This preview shows how white text looks on a background with the RGB color 201, 246, 164.

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

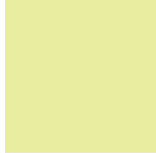
214, 235, 253

Trichromacy



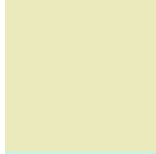
Original Color

201, 246, 164



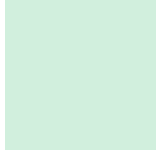
Protanomaly

233, 237, 160



Deuteranomaly

235, 234, 188



Tritanomaly

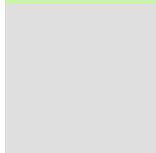
209, 239, 221

Monochromacy



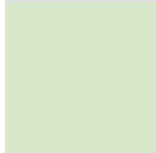
Original Color

201, 246, 164



Achromatopsia

223, 223, 223



Achromatomaly

215, 231, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 246, 164 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, 246, 164)` looks like.

```
.text, #text, p{  
    color:rgb(201, 246, 164)  
}
```

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, 246, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 246, 164) }
```

Border

The CSS property to change the border of an element to RGB 201, 246, 164 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, 246, 164) }
```

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

```
.border{ border-color:rgb(201, 246, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 246, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 246, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 246, 164);  
box-shadow:4px 4px 4px 4px rgb(201, 246,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 201, 246, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 246, 164) }
```

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

```
.background{ background-color: rgb(201,  
246, 164) }
```

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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