

Converting Colors

RGB(201, 228, 129)

Have a look what the booklet for
RGB(201, 228, 129) contains.

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Color

RGB(201, 228, 129)

Conversions

Conversions Part 1

Format	Color
Hex	C9E481
RGB	201, 228, 129
RGB Percent	79%, 89%, 51%
CMY	0.2118, 0.1059, 0.4941
CMYK	0.12, 0.00, 0.43, 0.11
HSL	76°, 65%, 70%
HSV	76°, 43%, 89%
XYZ	55.7932, 69.4893, 31.2410
YIQ	208.6410, 15.6870, -36.5130

Conversions

Conversions Part 2

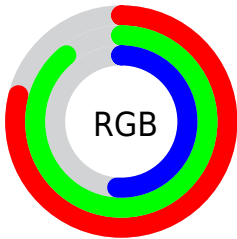
Format	Color
RYB	129, 228, 156
Decimal	13231233
CIELab	86.75, -24.22, 45.24
CIELCh	87, 51.311, 118.165
Yxy	69.4893, 0.3565, 0.4440
Android (android.graphics.Color)	4291421313 (0xFFC9E481)
YUV	208.6410, -39.2630, -6.7012
Hunter-Lab	83.3602, -26.4099, 36.1320

Details

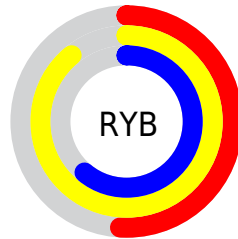
The RGB color **201, 228, 129** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **156, 129, 228**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 183**, and **145, 173, 77** is the 20% darker color. If you saturate the color by 10%, you get **195, 228, 106**, and if you desaturate by 10%, it is **207, 228, 152**.

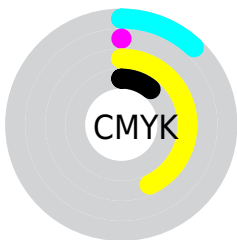
Distribution



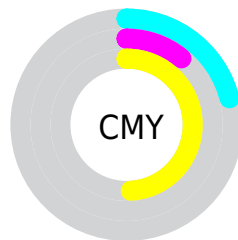
- Red (79%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 228, 129 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, 228, 129 by changing the saturation by 10% instead.

 201, 228, 129

255, 255, 255

 255, 255, 183

 255, 255, 211

 255, 255, 240

 201, 228, 129

 173, 200, 103


 145, 173, 77

 118, 146, 52

 92, 120, 25

 67, 95, 0

 43, 71, 0

 15, 49, 0

 0, 30, 0

 0, 0, 0

 201, 228, 129

 201, 228, 129

 195, 228, 106


 207, 228, 152

 189, 228, 83


 213, 228, 175

 182, 228, 61

 220, 228, 197

 176, 228, 38

 226, 228, 220

 170, 228, 15

 232, 228, 243

 166, 228, 0

 238, 228, 255

 245, 228, 255

 251, 228, 255

 255, 228, 255

Harmonies

Analogous

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



251, 213, 118



201, 228, 129



142, 238, 164

Triad

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



201, 228, 129



0, 235, 255



255, 178, 222

Complementary

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



201, 228, 129



156, 129, 228

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, 188, 255



201, 228, 129



134, 223, 255

Square

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



201, 228, 129



0, 242, 255



217, 206, 255



255, 182, 174

Rectangle

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



201, 228, 129



93, 241, 196



217, 206, 255



255, 180, 239

Sweetspot

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



201, 228, 129



246, 255, 222



228, 155, 129



122, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



201, 228, 129



219, 255, 122



152, 228, 129



112, 115, 103



130, 179, 0



37, 51, 0

Inverse Universe

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



156, 129, 228



159, 122, 255



205, 129, 228



106, 103, 115



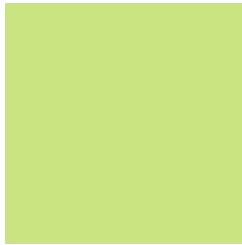
49, 0, 179



14, 0, 51

Previews

White Background



This preview shows how the RGB color 201, 228, 129 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, 228, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

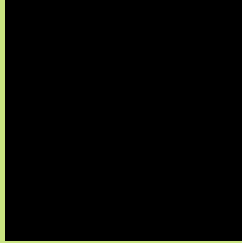
Any Text WCAG AA ✓ Pass

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, 228, 129 Background



This preview shows how black text looks on a background with the RGB color 201, 228, 129.



This preview shows how white text looks on a background with the RGB color 201, 228, 129.

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](#).

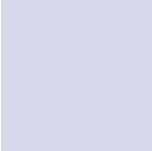
Dichromacy



Original Color
201, 228, 129

Protanopia
238, 217, 125

Deuteranopia
255, 209, 152



Tritanopia
214, 216, 233

Trichromacy



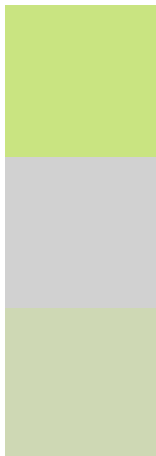
Original Color
201, 228, 129

Protanomaly
225, 221, 126

Deuteranomaly
235, 216, 144

Tritanomaly
209, 220, 195

Monochromacy



Original Color
201, 228, 129

Achromatopsia
209, 209, 209

Achromatomaly
206, 216, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 228, 129 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, 228, 129)` looks like.

```
.text, #text, p{  
    color:rgb(201, 228, 129)  
}
```

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, 228, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 228, 129) }
```

Border

The CSS property to change the border of an element to RGB 201, 228, 129 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, 228, 129) }
```

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

```
.border{ border-color:rgb(201, 228, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 228, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 228, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 228, 129); box-shadow:4px 4px 4px 4px rgb(201, 228, 129) }
```

Background

The CSS property to change the background color of an element to RGB 201, 228, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 228, 129) }
```

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

```
.background{ background-color: rgb(201,  
228, 129) }
```

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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