

Converting Colors

RGB(201, 232, 110)

Have a look what the booklet for
RGB(201, 232, 110) contains.

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Color

RGB(201, 232, 110)

Conversions

Conversions Part 1

Format	Color
Hex	C9E86E
RGB	201, 232, 110
RGB Percent	79%, 91%, 43%
CMY	0.2118, 0.0902, 0.5686
CMYK	0.13, 0.00, 0.53, 0.09
HSL	75°, 73%, 67%
HSV	75°, 53%, 91%
XYZ	55.7585, 71.2565, 25.5670
YIQ	208.8230, 20.6860, -44.5140

Conversions

Conversions Part 2

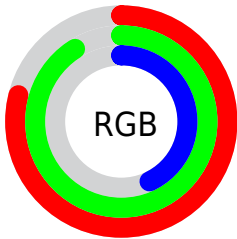
Format	Color
RYB	110, 232, 141
Decimal	13232238
CIELab	87.61, -28.03, 55.25
CIELCh	88, 61.953, 116.900
Yxy	71.2565, 0.3654, 0.4670
Android (android.graphics.Color)	4291422318 (0xFFC9E86E)
YUV	208.8230, -48.7197, -6.8608
Hunter-Lab	84.4136, -29.8175, 41.1319

Details

The RGB color **201, 232, 110** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **141, 110, 232**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 164**, and **145, 176, 57** is the 20% darker color. If you saturate the color by 10%, you get **195, 232, 87**, and if you desaturate by 10%, it is **207, 232, 133**.

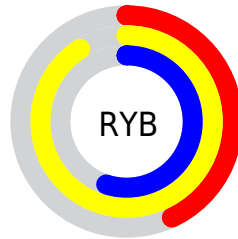
Distribution



Red (79%)

Green (91%)

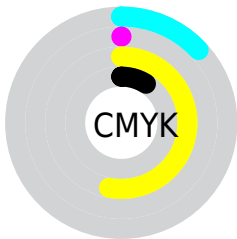
Blue (43%)



Red (43%)

Yellow (91%)

Blue (55%)

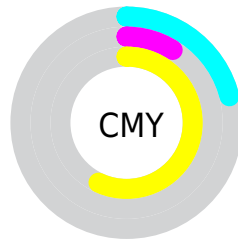


Cyan (13%)

Magenta (0%)

Yellow (53%)

Black (9%)



Cyan (21%)


Magenta (9%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 232, 110 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, 232, 110 by changing the saturation by 10% instead.

 201, 232, 110

 201, 232, 110

255, 255, 255

 173, 204, 83


 255, 255, 164

 145, 176, 57

 255, 255, 193

 117, 150, 27

 255, 255, 221

 90, 124, 0

 255, 255, 250

 64, 99, 0

 38, 75, 0


 6, 52, 0

 0, 32, 0


 0, 0, 0

 201, 232, 110


 201, 232, 110

 195, 232, 87

 207, 232, 133

 189, 232, 64

 213, 232, 156

 183, 232, 40

 219, 232, 180

 177, 232, 17

 225, 232, 203

 173, 232, 0

 230, 232, 226

 236, 232, 249

 242, 232, 255

 248, 232, 255

 254, 232, 255

Harmonies

Analogous

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



255, 214, 98



201, 232, 110



127, 244, 153

Triad

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



201, 232, 110



0, 242, 255



255, 170, 228

Complementary

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



201, 232, 110



141, 110, 232

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, 184, 255



201, 232, 110



92, 228, 255

Square

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



201, 232, 110



0, 249, 255



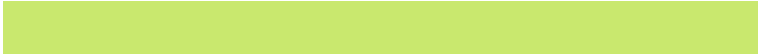
214, 207, 255



255, 174, 170

Rectangle

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



201, 232, 110



41, 248, 191



214, 207, 255



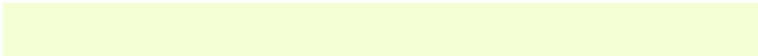
255, 173, 248

Sweetspot

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



201, 232, 110



245, 255, 214



232, 141, 110



121, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



201, 232, 110



214, 255, 94



141, 232, 110



112, 115, 103



133, 179, 0



38, 51, 0

Inverse Universe

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



141, 110, 232



135, 94, 255



202, 110, 232



106, 103, 115



45, 0, 179



13, 0, 51

Previews

White Background



This preview shows how the RGB color 201, 232, 110 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, 232, 110 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, 232, 110 Background



This preview shows how black text looks on a background with the RGB color 201, 232, 110.

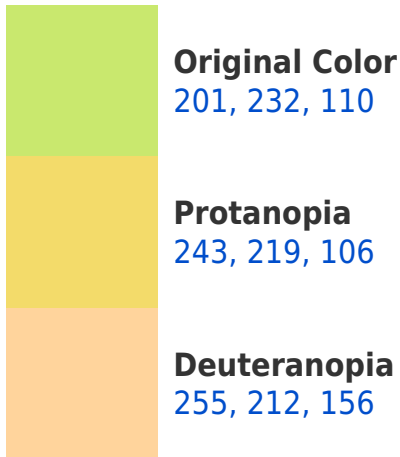


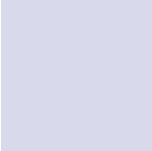
This preview shows how white text looks on a background with the RGB color 201, 232, 110.

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](#).

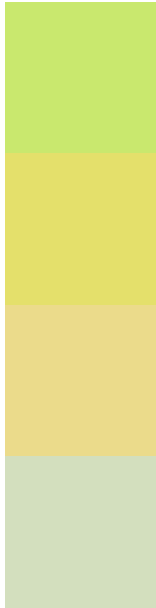
Dichromacy





Tritanopia
216, 218, 236

Trichromacy



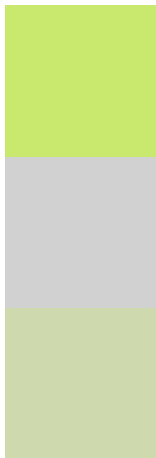
Original Color
201, 232, 110

Protanomaly
228, 224, 107

Deuteranomaly
235, 219, 139

Tritanomaly
211, 223, 190

Monochromacy



Original Color
201, 232, 110

Achromatopsia
209, 209, 209

Achromatomaly
206, 217, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 232, 110 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, 232, 110)` looks like.

```
.text, #text, p{  
    color:rgb(201, 232, 110)  
}
```

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, 232, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 232, 110) }
```

Border

The CSS property to change the border of an element to RGB 201, 232, 110 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, 232, 110) }
```

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

```
.border{ border-color:rgb(201, 232, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 232, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 232, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 232, 110);  
box-shadow:4px 4px 4px 4px rgb(201, 232,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 201, 232, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 232, 110) }
```

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

```
.background{ background-color: rgb(201,  
232, 110) }
```

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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