

Converting Colors

RGB(207, 229, 140)

Have a look what the booklet for
RGB(207, 229, 140) contains.

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Color

RGB(207, 229, 140)

Conversions

Conversions Part 1

Format	Color
Hex	CFE58C
RGB	207, 229, 140
RGB Percent	81%, 90%, 55%
CMY	0.1882, 0.1020, 0.4510
CMYK	0.10, 0.00, 0.39, 0.10
HSL	75°, 63%, 72%
HSV	75°, 39%, 90%
XYZ	58.4851, 71.1975, 35.4709
YIQ	212.2760, 15.4570, -32.3430

Conversions

Conversions Part 2

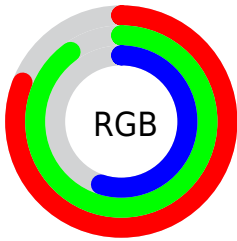
Format	Color
RYB	140, 229, 162
Decimal	13624716
CIELab	87.58, -21.19, 40.97
CIELCh	88, 46.128, 117.349
Yxy	71.1975, 0.3541, 0.4311
Android (android.graphics.Color)	4291814796 (0xFFCFE58C)
YUV	212.2760, -35.6321, -4.6271
Hunter-Lab	84.3786, -23.9394, 34.1408

Details

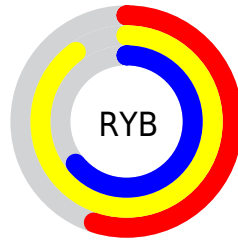
The RGB color **207, 229, 140** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **162, 140, 229**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 195**, and **151, 174, 88** is the 20% darker color. If you saturate the color by 10%, you get **201, 229, 117**, and if you desaturate by 10%, it is **213, 229, 163**.

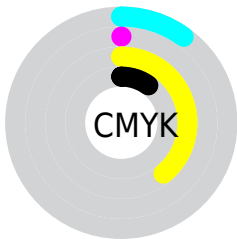
Distribution



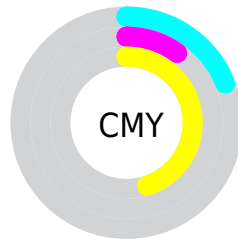
- Red (81%)
- Green (90%)
- Blue (55%)



- Red (55%)
- Yellow (90%)
- Blue (64%)



- Cyan (10%)
- Magenta (0%)
- Yellow (39%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 229, 140 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 207, 229, 140 by changing the saturation by 10% instead.


 207, 229, 140

 207, 229, 140


255, 255, 255

 179, 201, 114

 255, 255, 195

 151, 174, 88

 255, 255, 223

 125, 147, 63

 255, 255, 252

 98, 121, 38

 73, 96, 11

 49, 72, 0

 24, 50, 0

 0, 30, 0

 0, 0, 0

 207, 229, 140


 207, 229, 140

 201, 229, 117

 213, 229, 163

 196, 229, 94


 218, 229, 186

 190, 229, 71

 224, 229, 209

 184, 229, 48

 230, 229, 232

 179, 229, 26

 235, 229, 255

 173, 229, 3

 241, 229, 255

 172, 229, 0

 247, 229, 255

 252, 229, 255

 255, 229, 255

Harmonies

Analogous

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



252, 216, 131



207, 229, 140



155, 238, 171

Triad

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



207, 229, 140



66, 236, 255



255, 186, 225

Complementary

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



207, 229, 140



162, 140, 229

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, 194, 255



207, 229, 140



148, 225, 255

Square

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



207, 229, 140



21, 242, 255



219, 210, 255



255, 188, 181

Rectangle

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



207, 229, 140



116, 242, 199



219, 210, 255



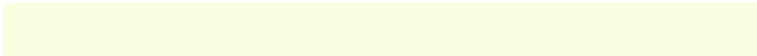
255, 187, 240

Sweetspot

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



207, 229, 140



247, 255, 224



229, 161, 140



123, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



207, 229, 140



225, 255, 135



164, 229, 140



112, 115, 103



134, 179, 0



38, 51, 0

Inverse Universe

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



162, 140, 229



165, 135, 255



205, 140, 229



106, 103, 115



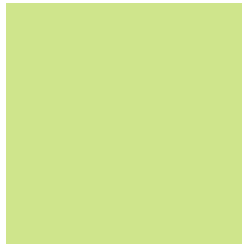
44, 0, 179



13, 0, 51

Previews

White Background



This preview shows how the RGB color 207, 229, 140 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 207, 229, 140 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 207, 229, 140 Background



This preview shows how black text looks on a background with the RGB color 207, 229, 140.



This preview shows how white text looks on a background with the RGB color 207, 229, 140.

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
207, 229, 140

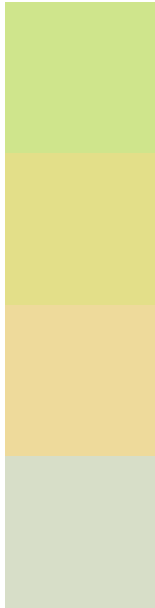
Protanopia
239, 219, 136

Deuteranopia
255, 212, 163



Tritanopia
219, 218, 235

Trichromacy



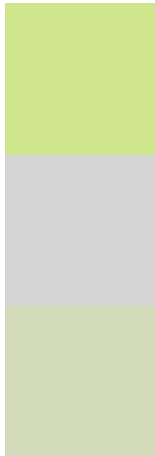
Original Color
207, 229, 140

Protanomaly
227, 223, 137

Deuteranomaly
238, 218, 155

Tritanomaly
215, 222, 200

Monochromacy



Original Color
207, 229, 140

Achromatopsia
212, 212, 212

Achromatomaly
210, 218, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 229, 140 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(207, 229, 140)` looks like.

```
.text, #text, p{  
    color:rgb(207, 229, 140)  
}
```

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(207, 229, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 229, 140) }
```

Border

The CSS property to change the border of an element to RGB 207, 229, 140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

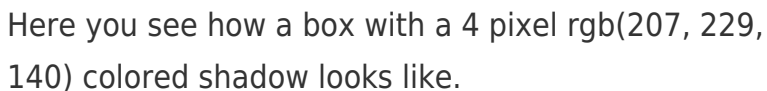
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 229, 140) }
```

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

```
.border{ border-color:rgb(207, 229, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 229, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 229, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 229, 140); box-shadow:4px 4px 4px 4px rgb(207, 229, 140) }
```

Background

The CSS property to change the background color of an element to RGB 207, 229, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 229, 140) }
```

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

```
.background{ background-color: rgb(207,  
229, 140) }
```

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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