

Converting Colors

RGB(202, 236, 135)

Have a look what the booklet for
RGB(202, 236, 135) contains.

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Color

RGB(202, 236, 135)

Conversions

Conversions Part 1

Format	Color
Hex	CAEC87
RGB	202, 236, 135
RGB Percent	79%, 93%, 53%
CMY	0.2078, 0.0745, 0.4706
CMYK	0.14, 0.00, 0.43, 0.07
HSL	80°, 73%, 73%
HSV	80°, 43%, 93%
XYZ	58.7257, 74.2967, 34.1672
YIQ	214.3200, 12.1570, -38.6190

Conversions

Conversions Part 2

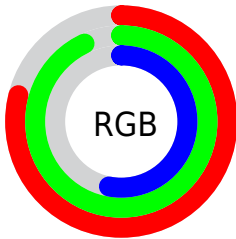
Format	Color
RYB	135, 236, 169
Decimal	13298823
CIELab	89.06, -27.00, 45.23
CIELCh	89, 52.677, 120.829
Yxy	74.2967, 0.3513, 0.4444
Android (android.graphics.Color)	4291488903 (0xFFCAEC87)
YUV	214.3200, -39.1048, -10.8046
Hunter-Lab	86.1956, -29.2287, 36.8348

Details

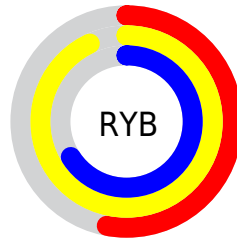
The RGB color **202, 236, 135** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **169, 135, 236**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 190**, and **146, 180, 83** is the 20% darker color. If you saturate the color by 10%, you get **194, 236, 111**, and if you desaturate by 10%, it is **210, 236, 159**.

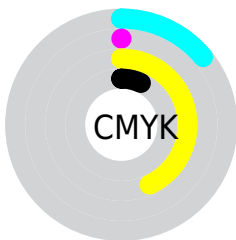
Distribution



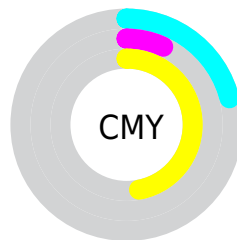
- Red (79%)
- Green (93%)
- Blue (53%)



- Red (53%)
- Yellow (93%)
- Blue (66%)



- Cyan (14%)
- Magenta (0%)
- Yellow (43%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 236, 135 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 202, 236, 135 by changing the saturation by 10% instead.

 202, 236, 135

255, 255, 255

 255, 255, 190

 255, 255, 218

 255, 255, 247

 202, 236, 135

 174, 208, 109


 146, 180, 83

 119, 153, 57

 93, 127, 31

 67, 102, 0

 42, 78, 0

 15, 55, 0


 0, 34, 0

 0, 0, 0

 202, 236, 135


 202, 236, 135

 194, 236, 111


 210, 236, 159

 186, 236, 88


 218, 236, 182

 178, 236, 64

 226, 236, 206

 170, 236, 41

 234, 236, 229

 162, 236, 17

 242, 236, 253

 157, 236, 0

 250, 236, 255

 255, 236, 255

Harmonies

Analogous

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



254, 221, 121



202, 236, 135



140, 246, 173

Triad

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



202, 236, 135



0, 242, 255



255, 183, 224

Complementary

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



202, 236, 135



169, 135, 236

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, 192, 255



202, 236, 135



147, 228, 255

Square

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



202, 236, 135



0, 249, 255



230, 210, 255



255, 188, 175

Rectangle

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



202, 236, 135



87, 249, 206



230, 210, 255



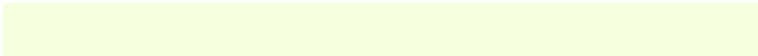
255, 185, 241

Sweetspot

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



202, 236, 135



244, 255, 222



236, 169, 135



121, 128, 107



0, 0, 0



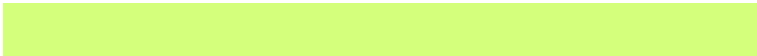
128, 128, 128

Same Dimension

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



202, 236, 135



211, 255, 125



152, 236, 135



113, 117, 106



120, 181, 0



36, 54, 0

Inverse Universe

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



169, 135, 236



169, 125, 255



219, 135, 236



110, 106, 117



61, 0, 181



18, 0, 54

Previews

White Background



This preview shows how the RGB color 202, 236, 135 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 202, 236, 135 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 202, 236, 135 Background



This preview shows how black text looks on a background with the RGB color 202, 236, 135.

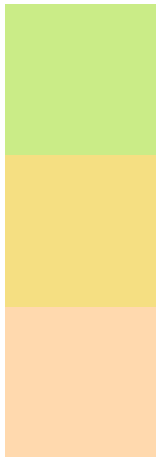


This preview shows how white text looks on a background with the RGB color 202, 236, 135.

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
202, 236, 135

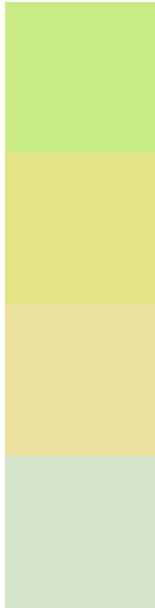
Protanopia
245, 223, 130

Deuteranopia
255, 217, 174



Tritanopia
216, 224, 241

Trichromacy



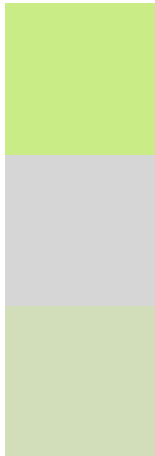
Original Color
202, 236, 135

Protanomaly
229, 228, 132

Deuteranomaly
236, 224, 160

Tritanomaly
211, 228, 202

Monochromacy



Original Color
202, 236, 135

Achromatopsia
214, 214, 214

Achromatomaly
210, 222, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 236, 135 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(202, 236, 135)` looks like.

```
.text, #text, p{  
    color:rgb(202, 236, 135)  
}
```

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(202, 236, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 236, 135) }
```

Border

The CSS property to change the border of an element to RGB 202, 236, 135 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(202, 236, 135) }
```

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

```
.border{ border-color:rgb(202, 236, 135) }
```

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

Here you see how a box with a 4 pixel rgb(202, 236, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 236, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 236, 135);  
box-shadow:4px 4px 4px 4px rgb(202, 236,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 202, 236, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 236, 135) }
```

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

```
.background{ background-color: rgb(202,  
236, 135) }
```

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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