

Converting Colors

RGB(208, 233, 135)

Have a look what the booklet for
RGB(208, 233, 135) contains.

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Color

RGB(208, 233, 135)

Conversions

Conversions Part 1

Format	Color
Hex	D0E987
RGB	208, 233, 135
RGB Percent	82%, 91%, 53%
CMY	0.1843, 0.0863, 0.4706
CMYK	0.11, 0.00, 0.42, 0.09
HSL	75°, 69%, 72%
HSV	75°, 42%, 91%
XYZ	59.5245, 73.4370, 33.9592
YIQ	214.3530, 16.5580, -35.7780

Conversions

Conversions Part 2

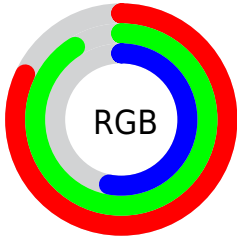
Format	Color
RYB	135, 233, 160
Decimal	13691271
CIELab	88.66, -23.32, 44.81
CIELCh	89, 50.514, 117.494
Yxy	73.4370, 0.3566, 0.4400
Android (android.graphics.Color)	4291881351 (0xFFD0E987)
YUV	214.3530, -39.1210, -5.5716
Hunter-Lab	85.6954, -25.9798, 36.4915

Details

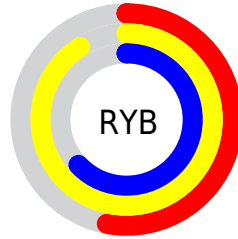
The RGB color **208, 233, 135** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **160, 135, 233**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 190**, and **152, 177, 83** is the 20% darker color. If you saturate the color by 10%, you get **202, 233, 112**, and if you desaturate by 10%, it is **214, 233, 158**.

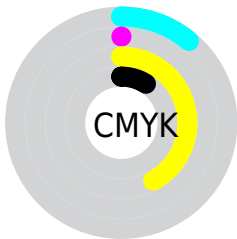
Distribution



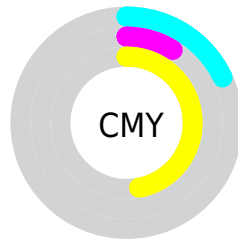
- Red (82%)
- Green (91%)
- Blue (53%)



- Red (53%)
- Yellow (91%)
- Blue (63%)



- Cyan (11%)
- Magenta (0%)
- Yellow (42%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 233, 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 208, 233, 135 by changing the saturation by 10% instead.

 208, 233, 135

255, 255, 255

 255, 255, 190


 255, 255, 218

 255, 255, 247

 208, 233, 135

 180, 205, 109

 152, 177, 83

 125, 151, 58

 99, 125, 32

 73, 100, 0

 48, 76, 0

 23, 53, 0

 0, 32, 0

 0, 0, 0

 208, 233, 135


 208, 233, 135

 202, 233, 112


 214, 233, 158

 196, 233, 88


 220, 233, 182

 190, 233, 65

 226, 233, 205

 184, 233, 42

 232, 233, 228

 178, 233, 19

 238, 233, 252

 174, 233, 0

 244, 233, 255

 250, 233, 255

 255, 233, 255

Harmonies

Analogous

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



255, 218, 125



208, 233, 135



150, 243, 169

Triad

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



208, 233, 135



0, 241, 255



255, 185, 229

Complementary

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



208, 233, 135



160, 135, 233

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



208, 233, 135



141, 229, 255

Square

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



208, 233, 135



0, 247, 255



221, 212, 255



255, 188, 181

Rectangle

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



208, 233, 135



104, 247, 200



221, 212, 255



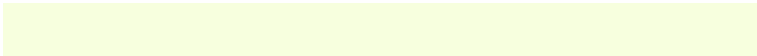
255, 186, 245

Sweetspot

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



208, 233, 135



247, 255, 222



233, 160, 135



122, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



208, 233, 135



222, 255, 128



160, 233, 135



114, 117, 106



135, 181, 0



40, 54, 0

Inverse Universe

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



160, 135, 233



160, 128, 255



209, 135, 233



109, 106, 117



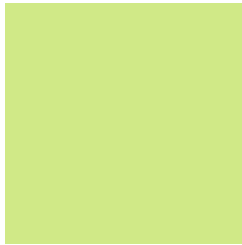
46, 0, 181



14, 0, 54

Previews

White Background



This preview shows how the RGB color 208, 233, 135 looks on a white background.

Color Contrast Check

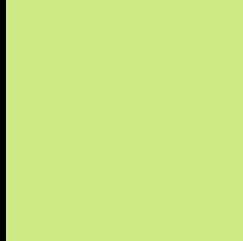
Large Text (above 18pt) WCAG AA × Fail

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 208, 233, 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 208, 233, 135 Background



This preview shows how black text looks on a background with the RGB color 208, 233, 135.

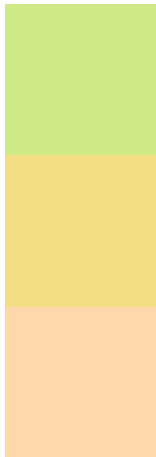


This preview shows how white text looks on a background with the RGB color 208, 233, 135.

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
208, 233, 135

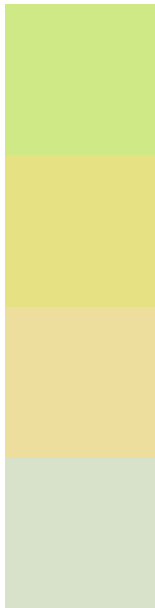
Protanopia
243, 222, 131

Deuteranopia
255, 215, 171



Tritanopia
221, 221, 238

Trichromacy



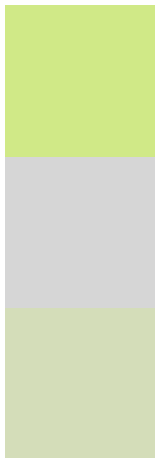
Original Color
208, 233, 135

Protanomaly
230, 226, 132

Deuteranomaly
238, 222, 158

Tritanomaly
216, 225, 201

Monochromacy



Original Color
208, 233, 135

Achromatopsia
214, 214, 214

Achromatomaly
212, 221, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 233, 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(208, 233, 135)` looks like.

```
.text, #text, p{  
    color:rgb(208, 233, 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(208, 233, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 233, 135) }
```

Border

The CSS property to change the border of an element to RGB 208, 233, 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(208, 233, 135) }
```

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

```
.border{ border-color:rgb(208, 233, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 233, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 233, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 233, 135);  
box-shadow:4px 4px 4px 4px rgb(208, 233,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 208, 233, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 233, 135) }
```

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

```
.background{ background-color: rgb(208,  
233, 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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