

Converting Colors

RGB(205, 238, 99)

Have a look what the booklet for
RGB(205, 238, 99) contains.

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Color

RGB(205, 238, 99)

Conversions

Conversions Part 1

Format	Color
Hex	CDEE63
RGB	205, 238, 99
RGB Percent	80%, 93%, 39%
CMY	0.1961, 0.0667, 0.6118
CMYK	0.14, 0.00, 0.58, 0.07
HSL	74°, 80%, 66%
HSV	74°, 58%, 93%
XYZ	58.0035, 75.0291, 23.2293
YIQ	212.2870, 24.9510, -50.2250

Conversions

Conversions Part 2

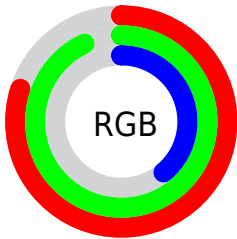
Format	Color
R_{YB}	99, 238, 132
Decimal	13495907
CIE _{Lab}	89.41, -30.23, 62.23
CIE _{LCh}	89, 69.185, 115.911
Yxy	75.0291, 0.3712, 0.4801
Android (android.graphics.Color)	4291685987 (0xFFCDEE63)
YUV	212.2870, -55.8505, -6.3907
Hunter-Lab	86.6193, -32.0536, 44.7333

Details

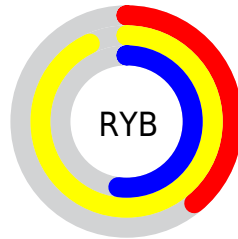
The RGB color **205, 238, 99** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **132, 99, 238**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 154**, and **148, 182, 42** is the 20% darker color. If you saturate the color by 10%, you get **199, 238, 75**, and if you desaturate by 10%, it is **211, 238, 123**.

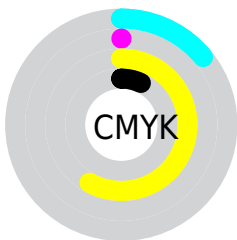
Distribution



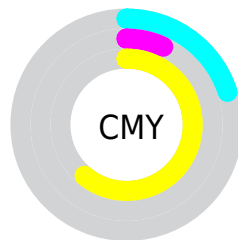
- Red (80%)
- Green (93%)
- Blue (39%)



- Red (39%)
- Yellow (93%)
- Blue (52%)



- Cyan (14%)
- Magenta (0%)
- Yellow (58%)
- Black (7%)



















- Cyan (20%)
- Magenta (7%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 238, 99 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 205, 238, 99 by changing the saturation by 10% instead.

 205, 238, 99	 205, 238, 99
 255, 255, 255	 176, 210, 71
 255, 255, 154	 148, 182, 42
 255, 255, 182	 120, 155, 0
 255, 255, 211	 93, 129, 0
 255, 255, 240	 66, 104, 0
	 38, 79, 0
	 5, 56, 0
	 0, 36, 0
	 0, 0, 0

 205, 238, 99

 205, 238, 99

 199, 238, 75

 211, 238, 123

 194, 238, 51

 216, 238, 147

 188, 238, 28

 222, 238, 170

 182, 238, 4

 228, 238, 194

 181, 238, 0

 233, 238, 218

 239, 238, 242

 245, 238, 255

 250, 238, 255

 255, 238, 255

Harmonies

Analogous

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



255, 218, 86



205, 238, 99



121, 251, 147

Triad

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



205, 238, 99



0, 250, 255



255, 167, 237

Complementary

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



205, 238, 99



132, 99, 238

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



205, 238, 99



30, 235, 255

Square

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



205, 238, 99



0, 255, 255



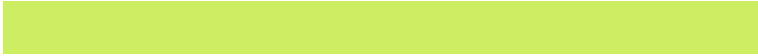
213, 211, 255



255, 172, 171

Rectangle

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



205, 238, 99



0, 255, 190



213, 211, 255



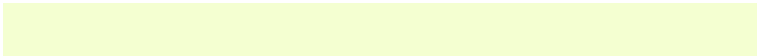
255, 171, 255

Sweetspot

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



205, 238, 99



244, 255, 209



238, 131, 99



121, 128, 99



0, 0, 0



128, 128, 128

Same Dimension

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



205, 238, 99



213, 255, 77



136, 238, 99



117, 120, 108



140, 184, 0



43, 56, 0

Inverse Universe

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



132, 99, 238



119, 77, 255



201, 99, 238



111, 108, 120



44, 0, 184



13, 0, 56

Previews

White Background



This preview shows how the RGB color 205, 238, 99 looks on a white background.

Color Contrast Check

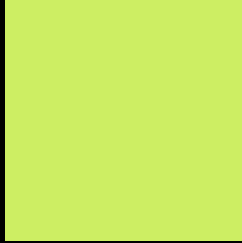
Large Text (above 18pt) WCAG AA × Fail

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 205, 238, 99 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 205, 238, 99 Background



This preview shows how black text looks on a background with the RGB color 205, 238, 99.

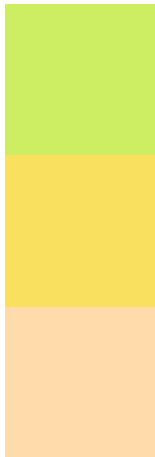


This preview shows how white text looks on a background with the RGB color 205, 238, 99.

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
205, 238, 99

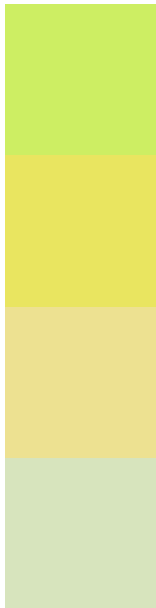
Protanopia
249, 224, 95

Deuteranopia
255, 218, 171



Tritanopia
221, 223, 241

Trichromacy



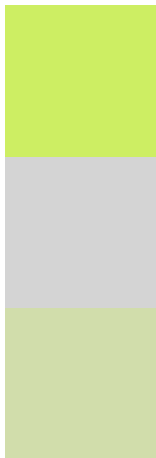
Original Color
205, 238, 99

Protanomaly
233, 229, 96

Deuteranomaly
237, 225, 145

Tritanomaly
215, 228, 189

Monochromacy



Original Color
205, 238, 99

Achromatopsia
212, 212, 212

Achromatomaly
209, 221, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 238, 99 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(205, 238, 99)` looks like.

```
.text, #text, p{  
    color:rgb(205, 238, 99)  
}
```

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(205, 238, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 238, 99) }
```

Border

The CSS property to change the border of an element to RGB 205, 238, 99 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(205, 238, 99) }
```

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

```
.border{ border-color:rgb(205, 238, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 238, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 238, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 238, 99);  
box-shadow:4px 4px 4px 4px rgb(205, 238,  
99) }
```

Background

The CSS property to change the background color of an element to RGB 205, 238, 99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 238, 99) }
```

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

```
.background{ background-color: rgb(205,  
238, 99) }
```

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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