

Converting Colors

RGB(197, 238, 149)

Have a look what the booklet for
RGB(197, 238, 149) contains.

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Color

RGB(197, 238, 149)

Conversions

Conversions Part 1

Format	Color
Hex	C5EE95
RGB	197, 238, 149
RGB Percent	77%, 93%, 58%
CMY	0.2275, 0.0667, 0.4157
CMYK	0.17, 0.00, 0.37, 0.07
HSL	88°, 72%, 76%
HSV	88°, 37%, 93%
XYZ	59.0253, 75.1893, 39.8358
YIQ	215.5950, 4.1330, -36.3710

Conversions

Conversions Part 2

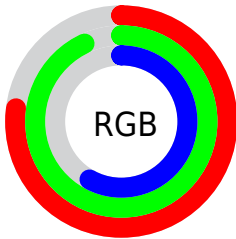
Format	Color
RYB	149, 238, 190
Decimal	12971669
CIELab	89.48, -28.08, 38.82
CIElCh	89, 47.912, 125.878
Yxy	75.1893, 0.3391, 0.4320
Android (android.graphics.Color)	4291161749 (0xFFC5EE95)
YUV	215.5950, -32.8313, -16.3078
Hunter-Lab	86.7118, -30.2394, 33.4601

Details

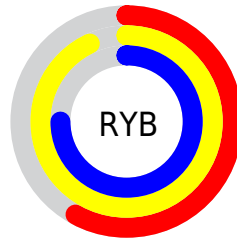
The RGB color **197, 238, 149** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **190, 149, 238**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 204**, and **142, 182, 97** is the 20% darker color. If you saturate the color by 10%, you get **186, 238, 125**, and if you desaturate by 10%, it is **208, 238, 173**.

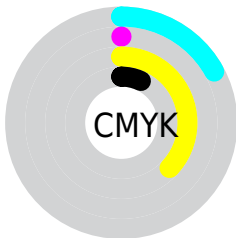
Distribution



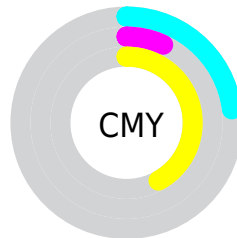
- Red (77%)
- Green (93%)
- Blue (58%)



- Red (58%)
- Yellow (93%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)



- Cyan (23%)
- Magenta (7%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 197, 238, 149 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 197, 238, 149 by changing the saturation by 10% instead.


 197, 238, 149

 197, 238, 149


255, 255, 255

 169, 210, 123


 255, 255, 204

 142, 182, 97

 255, 255, 232

 115, 155, 72

 89, 129, 47

 64, 103, 22

 39, 79, 0

 13, 56, 0

 0, 35, 0

 0, 0, 0

 197, 238, 149

 197, 238, 149

 186, 238, 125


 208, 238, 173

 175, 238, 101


 219, 238, 197

 164, 238, 78

 230, 238, 220

 153, 238, 54

 241, 238, 244

 142, 238, 30

 252, 238, 255

 131, 238, 6

 255, 238, 255

 128, 238, 0

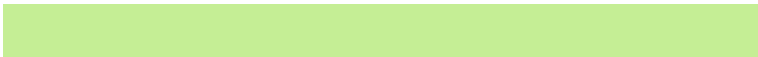
Harmonies

Analogous

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



246, 225, 133



197, 238, 149



140, 246, 186

Triad

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



197, 238, 149



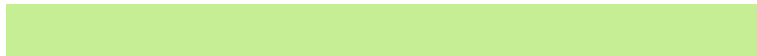
87, 240, 255



255, 189, 217

Complementary

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



197, 238, 149



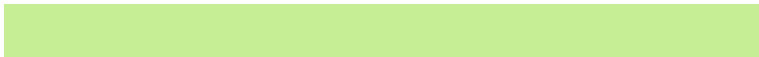
190, 149, 238

Split Complementary

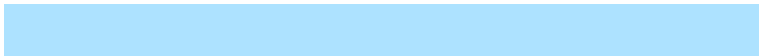
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 195, 255



197, 238, 149



173, 226, 255

Square

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



197, 238, 149



0, 247, 255



242, 210, 255



255, 195, 174

Rectangle

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



197, 238, 149



97, 249, 217



242, 210, 255



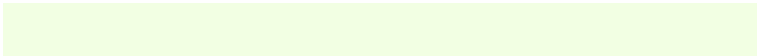
255, 189, 233

Sweetspot

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



197, 238, 149



242, 255, 227



238, 189, 149



120, 128, 111



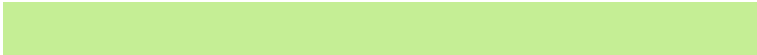
0, 0, 0



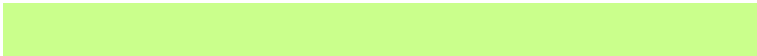
128, 128, 128

Same Dimension

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



197, 238, 149



202, 255, 140



153, 238, 149



114, 120, 108



99, 184, 0



30, 56, 0

Inverse Universe

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



190, 149, 238



193, 140, 255



234, 149, 238



113, 108, 120



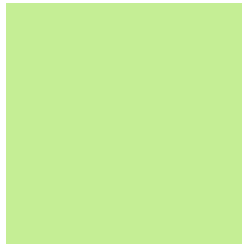
85, 0, 184



26, 0, 56

Previews

White Background



This preview shows how the RGB color 197, 238, 149 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 197, 238, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

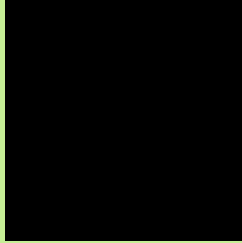
Any Text WCAG AA ✓ Pass

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 197, 238, 149 Background



This preview shows how black text looks on a background with the RGB color 197, 238, 149.

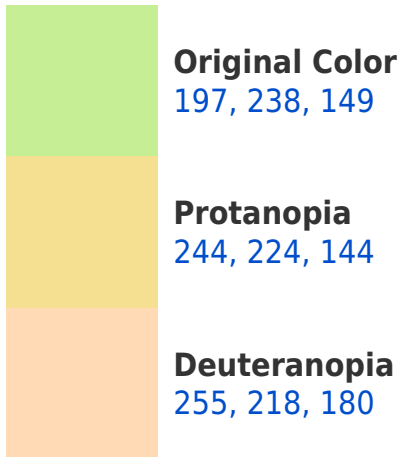


This preview shows how white text looks on a background with the RGB color 197, 238, 149.

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





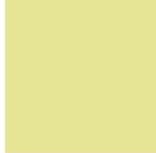
Tritanopia
211, 226, 244

Trichromacy



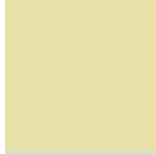
Original Color

197, 238, 149



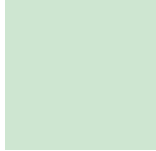
Protanomaly

227, 229, 146



Deuteranomaly

234, 225, 169



Tritanomaly

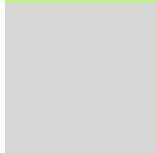
206, 230, 209

Monochromacy



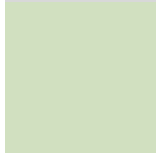
Original Color

197, 238, 149



Achromatopsia

216, 216, 216



Achromatomaly

209, 224, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 238, 149 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(197, 238, 149)` looks like.

```
.text, #text, p{  
    color:rgb(197, 238, 149)  
}
```

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(197, 238, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 238, 149) }
```

Border

The CSS property to change the border of an element to RGB 197, 238, 149 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(197, 238, 149) }
```

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

```
.border{ border-color:rgb(197, 238, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 238, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 238, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 238, 149);  
box-shadow:4px 4px 4px 4px rgb(197, 238,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 197, 238, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 238, 149) }
```

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

```
.background{ background-color: rgb(197,  
238, 149) }
```

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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