

Converting Colors

RGB(193, 236, 149)

Have a look what the booklet for
RGB(193, 236, 149) contains.

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Color

RGB(193, 236, 149)

Conversions

Conversions Part 1

Format	Color
Hex	C1EC95
RGB	193, 236, 149
RGB Percent	76%, 93%, 58%
CMY	0.2431, 0.0745, 0.4157
CMYK	0.18, 0.00, 0.37, 0.07
HSL	90°, 70%, 75%
HSV	90°, 37%, 93%
XYZ	57.4126, 73.4983, 39.5944
YIQ	213.2250, 2.2990, -36.1730

Conversions

Conversions Part 2

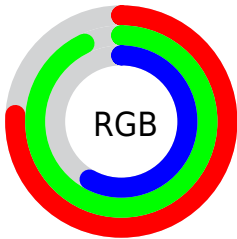
Format	Color
RYB	149, 236, 192
Decimal	12709013
CIELab	88.68, -28.57, 37.74
CIElCh	89, 47.330, 127.125
Yxy	73.4983, 0.3367, 0.4311
Android (android.graphics.Color)	4290899093 (0xFFC1EC95)
YUV	213.2250, -31.6629, -17.7373
Hunter-Lab	85.7311, -30.4913, 32.6291

Details

The RGB color **193, 236, 149** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **192, 149, 236**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **250, 255, 204**, and **138, 180, 97** is the 20% darker color. If you saturate the color by 10%, you get **181, 236, 125**, and if you desaturate by 10%, it is **205, 236, 173**.

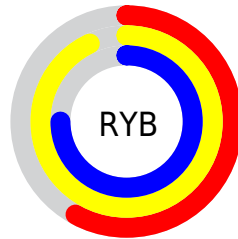
Distribution



Red (76%)

Green (93%)

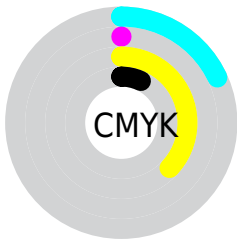
Blue (58%)



Red (58%)

Yellow (93%)

Blue (75%)

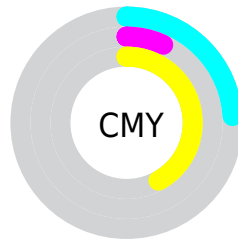


Cyan (18%)

Magenta (0%)

Yellow (37%)

Black (7%)



Cyan (24%)

Magenta (7%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 236, 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 193, 236, 149 by changing the saturation by 10% instead.

 193, 236, 149

255, 255, 255

 250, 255, 204

 255, 255, 232


 193, 236, 149

 165, 208, 123


 138, 180, 97

 112, 153, 72

 86, 127, 48

 60, 102, 23

 35, 77, 0


 8, 54, 0

 0, 34, 0

 0, 0, 0

 193, 236, 149


 193, 236, 149

 181, 236, 125


 205, 236, 173

 170, 236, 102


 216, 236, 196


 158, 236, 78

 228, 236, 220

 146, 236, 55


 240, 236, 243

 135, 236, 31

 251, 236, 255

 123, 236, 7

 255, 236, 255

 119, 236, 0

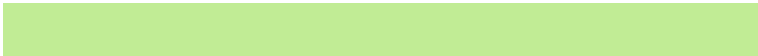
Harmonies

Analogous

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



242, 223, 132



193, 236, 149



137, 244, 186

Triad

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



193, 236, 149



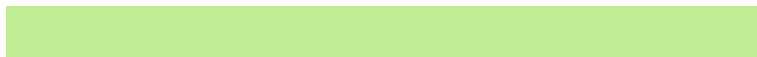
91, 237, 255



255, 187, 213

Complementary

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



193, 236, 149



192, 149, 236

Split Complementary

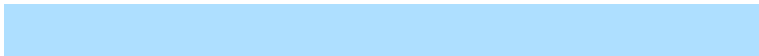
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 193, 255



193, 236, 149



174, 223, 255

Square

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



193, 236, 149



0, 245, 255



242, 207, 255



255, 194, 170

Rectangle

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



193, 236, 149



94, 246, 217



242, 207, 255



255, 188, 229

Sweetspot

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



193, 236, 149



241, 255, 227



236, 191, 149



119, 128, 111



0, 0, 0



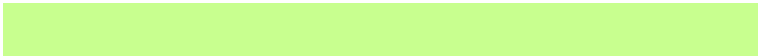
128, 128, 128

Same Dimension

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



193, 236, 149



200, 255, 143



150, 236, 149



112, 117, 106



92, 181, 0



27, 54, 0

Inverse Universe

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



192, 149, 236



198, 143, 255



235, 149, 236



111, 106, 117



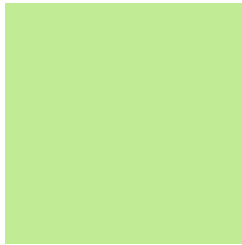
89, 0, 181



26, 0, 54

Previews

White Background



This preview shows how the RGB color 193, 236, 149 looks on a white background.

Color Contrast Check

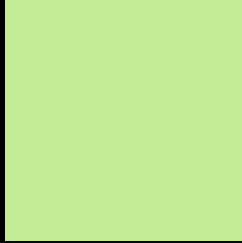
Large Text (above 18pt) WCAG AA × Fail

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 193, 236, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

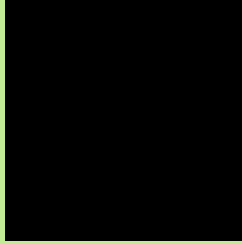
Any Text WCAG AA ✓ Pass

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 193, 236, 149 Background



This preview shows how black text looks on a background with the RGB color 193, 236, 149.

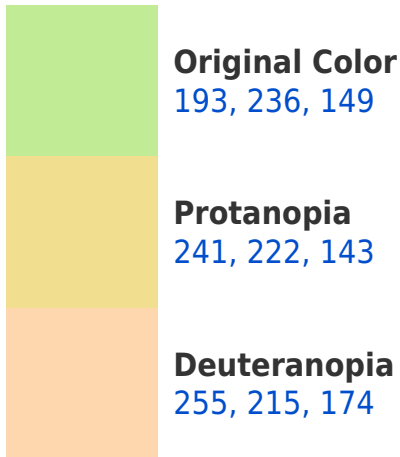


This preview shows how white text looks on a background with the RGB color 193, 236, 149.

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
207, 225, 242

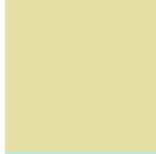
Trichromacy



Original Color
193, 236, 149



Protanomaly
224, 227, 145



Deuteranomaly
232, 223, 165

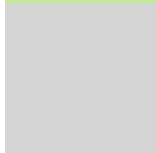


Tritanomaly
202, 229, 208

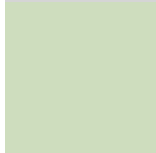
Monochromacy



Original Color
193, 236, 149



Achromatopsia
213, 213, 213



Achromatomaly
206, 221, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 236, 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(193, 236, 149)` looks like.

```
.text, #text, p{  
    color:rgb(193, 236, 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(193, 236, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 236, 149) }
```

Border

The CSS property to change the border of an element to RGB 193, 236, 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(193, 236, 149) }
```

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

```
.border{ border-color:rgb(193, 236, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 236, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 236, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 236, 149);  
box-shadow:4px 4px 4px 4px rgb(193, 236,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 193, 236, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 236, 149) }
```

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

```
.background{ background-color: rgb(193,  
236, 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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