

Converting Colors

RGB(195, 238, 145)

Have a look what the booklet for
RGB(195, 238, 145) contains.

RGB(195, 238, 145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(195, 238, 145)

Conversions

Conversions Part 1

Format	Color
Hex	C3EE91
RGB	195, 238, 145
RGB Percent	76%, 93%, 57%
CMY	0.2353, 0.0667, 0.4314
CMYK	0.18, 0.00, 0.39, 0.07
HSL	88°, 73%, 75%
HSV	88°, 39%, 93%
XYZ	58.1910, 74.7955, 38.1580
YIQ	214.5410, 4.2250, -38.0390

Conversions

Conversions Part 2

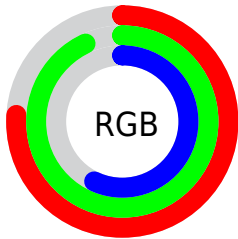
Format	Color
RYB	145, 238, 188
Decimal	12840593
CIELab	89.30, -29.30, 40.54
CIELCh	89, 50.022, 125.860
Yxy	74.7955, 0.3400, 0.4370
Android (android.graphics.Color)	4291030673 (0xFFC3EE91)
YUV	214.5410, -34.2837, -17.1375
Hunter-Lab	86.4844, -31.2439, 34.3796

Details

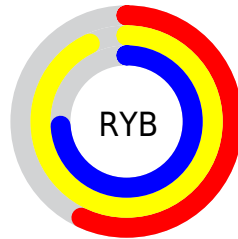
The RGB color **195, 238, 145** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **188, 145, 238**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **253, 255, 200**, and **140, 182, 93** is the 20% darker color. If you saturate the color by 10%, you get **184, 238, 121**, and if you desaturate by 10%, it is **206, 238, 169**.

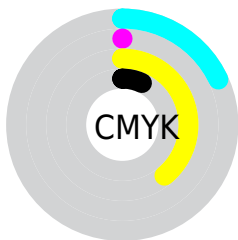
Distribution



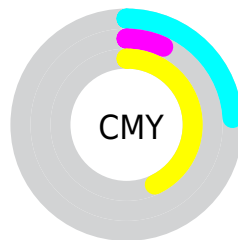
- Red (76%)
- Green (93%)
- Blue (57%)



- Red (57%)
- Yellow (93%)
- Blue (74%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 238, 145 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 195, 238, 145 by changing the saturation by 10% instead.

 195, 238, 145

 195, 238, 145


255, 255, 255

 167, 210, 119

 253, 255, 200

 140, 182, 93

 255, 255, 228

 113, 155, 68

 87, 129, 43

 62, 103, 17

 36, 79, 0

 8, 56, 0

 0, 35, 0


 0, 0, 0

 195, 238, 145


 195, 238, 145

 184, 238, 121


 206, 238, 169

 173, 238, 97


 217, 238, 193

 162, 238, 74

 228, 238, 216

 151, 238, 50

 239, 238, 240

 140, 238, 26

 250, 238, 255

 129, 238, 2

 255, 238, 255

 128, 238, 0

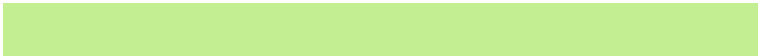
Harmonies

Analogous

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



246, 225, 128



195, 238, 145



135, 246, 184

Triad

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



195, 238, 145



70, 240, 255



255, 186, 217

Complementary

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



195, 238, 145



188, 145, 238

Split Complementary

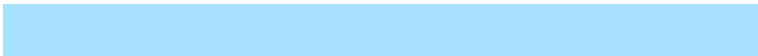
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 193, 255



195, 238, 145



168, 226, 255

Square

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



195, 238, 145



0, 248, 255



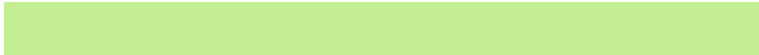
242, 208, 255



255, 193, 171

Rectangle

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



195, 238, 145



86, 249, 216



242, 208, 255



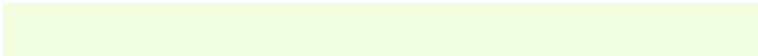
255, 187, 233

Sweetspot

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



195, 238, 145



241, 255, 224



238, 187, 145



119, 128, 110



0, 0, 0



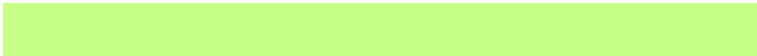
128, 128, 128

Same Dimension

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



195, 238, 145



200, 255, 135



150, 238, 145



114, 120, 108



99, 184, 0



30, 56, 0

Inverse Universe

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



188, 145, 238



191, 135, 255



233, 145, 238



113, 108, 120



85, 0, 184



26, 0, 56

Previews

White Background



This preview shows how the RGB color 195, 238, 145 looks on a white background.

Color Contrast Check

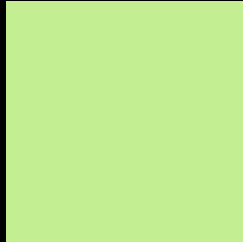
Large Text (above 18pt) WCAG AA × Fail

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 195, 238, 145 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 195, 238, 145 Background



This preview shows how black text looks on a background with the RGB color 195, 238, 145.

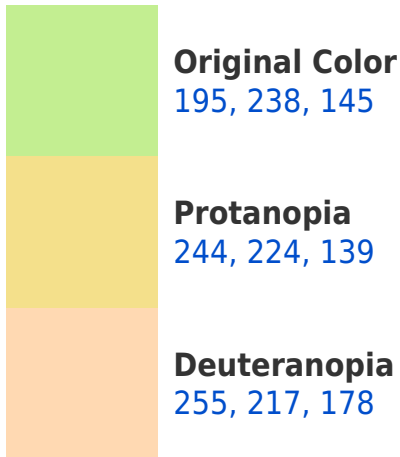


This preview shows how white text looks on a background with the RGB color 195, 238, 145.

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](#).

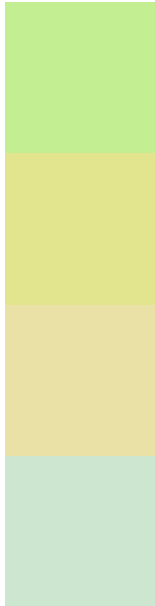
Dichromacy





Tritanopia
209, 226, 244

Trichromacy



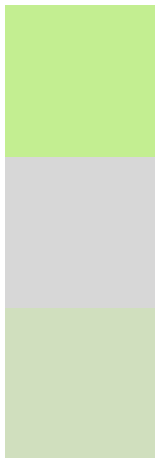
Original Color
195, 238, 145

Protanomaly
226, 229, 141

Deuteranomaly
233, 225, 166

Tritanomaly
204, 230, 208

Monochromacy



Original Color
195, 238, 145

Achromatopsia
215, 215, 215

Achromatomaly
208, 223, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 238, 145 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(195, 238, 145)` looks like.

```
.text, #text, p{  
    color:rgb(195, 238, 145)  
}
```

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(195, 238, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 238, 145) }
```

Border

The CSS property to change the border of an element to RGB 195, 238, 145 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(195, 238, 145) }
```

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

```
.border{ border-color:rgb(195, 238, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 238, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 238, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 238, 145);  
box-shadow:4px 4px 4px 4px rgb(195, 238,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 195, 238, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 238, 145) }
```

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

```
.background{ background-color: rgb(195,  
238, 145) }
```

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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