

Converting Colors

RGB(195, 226, 159)

Have a look what the booklet for
RGB(195, 226, 159) contains.

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Color

RGB(195, 226, 159)

Conversions

Conversions Part 1

Format	Color
Hex	C3E29F
RGB	195, 226, 159
RGB Percent	76%, 89%, 62%
CMY	0.2353, 0.1137, 0.3765
CMYK	0.14, 0.00, 0.30, 0.11
HSL	88°, 54%, 75%
HSV	88°, 30%, 89%
XYZ	55.9600, 68.4980, 43.0729
YIQ	209.0930, 3.0310, -27.4090

Conversions

Conversions Part 2

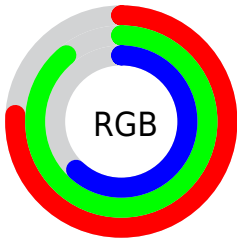
Format	Color
RYB	159, 226, 190
Decimal	12837535
CIELab	86.25, -21.69, 29.48
CIElCh	86, 36.601, 126.336
Yxy	68.4980, 0.3340, 0.4089
Android (android.graphics.Color)	4291027615 (0xFFC3E29F)
YUV	209.0930, -24.6958, -12.3596
Hunter-Lab	82.7635, -24.1445, 27.0780

Details

The RGB color **195, 226, 159** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190, 159, 226**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **252, 255, 214**, and **141, 171, 107** is the 20% darker color. If you saturate the color by 10%, you get **185, 226, 136**, and if you desaturate by 10%, it is **205, 226, 182**.

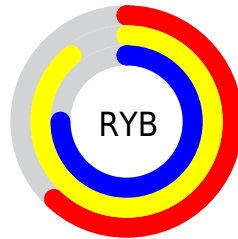
Distribution



Red (76%)

Green (89%)

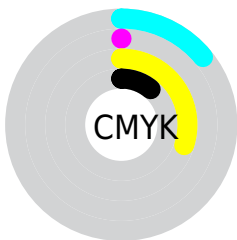
Blue (62%)



Red (62%)

Yellow (89%)

Blue (75%)

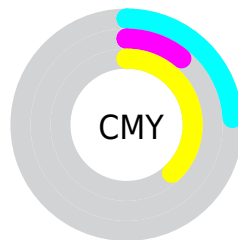


Cyan (14%)

Magenta (0%)

Yellow (30%)

Black (11%)



Cyan (24%)

Magenta (11%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 226, 159 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, 226, 159 by changing the saturation by 10% instead.

 195, 226, 159


255, 255, 255


 252, 255, 214

 255, 255, 243

 195, 226, 159


 167, 198, 133

 141, 171, 107

 114, 144, 82

 89, 118, 58

 65, 93, 35

 41, 70, 12

 20, 47, 0

 0, 28, 0

 0, 0, 0

■ 195, 226, 159

■ 195, 226, 159

■ 185, 226, 136

■ 205, 226, 182

■ 174, 226, 114

■ 216, 226, 204

■ 164, 226, 91

■ 226, 226, 227

■ 153, 226, 69

■ 237, 226, 249

■ 143, 226, 46

■ 247, 226, 255

■ 132, 226, 23

■ 255, 226, 255

■ 122, 226, 1

■ 121, 226, 0

Harmonies

Analogous

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



233, 216, 147



195, 226, 159



154, 233, 187

Triad

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



195, 226, 159



131, 227, 255



255, 190, 210

Complementary

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



195, 226, 159



190, 159, 226

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, 244



195, 226, 159



181, 217, 255

Square

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



195, 226, 159



103, 233, 255



230, 204, 255



255, 194, 176

Rectangle

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



195, 226, 159



128, 235, 210



230, 204, 255



255, 190, 221

Sweetspot

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



195, 226, 159



244, 255, 232



226, 189, 159



121, 128, 113



0, 0, 0



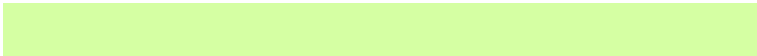
128, 128, 128

Same Dimension

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



195, 226, 159



213, 255, 163



162, 226, 159



107, 112, 101



95, 176, 0



26, 48, 0

Inverse Universe

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



190, 159, 226



206, 163, 255



223, 159, 226



106, 101, 112



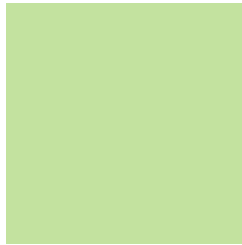
81, 0, 176



22, 0, 48

Previews

White Background



This preview shows how the RGB color 195, 226, 159 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, 226, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

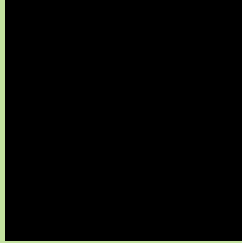
Any Text WCAG AA ✓ Pass

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, 226, 159 Background



This preview shows how black text looks on a background with the RGB color 195, 226, 159.



This preview shows how white text looks on a background with the RGB color 195, 226, 159.

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](#).

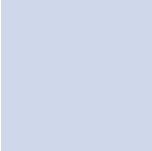
Dichromacy



Original Color
195, 226, 159

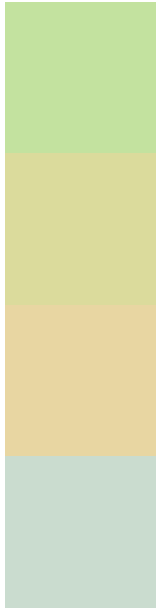
Protanopia
232, 215, 154

Deuteranopia
253, 207, 163



Tritanopia
206, 216, 234

Trichromacy



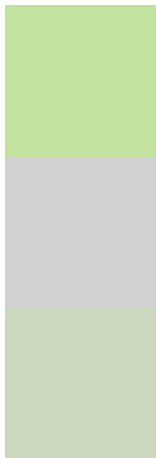
Original Color
195, 226, 159

Protanomaly
219, 219, 156

Deuteranomaly
232, 214, 162

Tritanomaly
202, 220, 207

Monochromacy



Original Color
195, 226, 159

Achromatopsia
209, 209, 209

Achromatomaly
204, 215, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 226, 159 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, 226, 159)` looks like.

```
.text, #text, p{  
    color:rgb(195, 226, 159)  
}
```

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, 226, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 226, 159) }
```

Border

The CSS property to change the border of an element to RGB 195, 226, 159 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, 226, 159) }
```

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

```
.border{ border-color:rgb(195, 226, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 226, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 226, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 226, 159);  
box-shadow:4px 4px 4px 4px rgb(195, 226,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 195, 226, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 226, 159) }
```

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

```
.background{ background-color: rgb(195,  
226, 159) }
```

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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