

Converting Colors

RGB(195, 238, 169)

Have a look what the booklet for
RGB(195, 238, 169) contains.

RGB(195, 238, 169)	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, 169)

Conversions

Conversions Part 1

Format	Color
Hex	C3EEA9
RGB	195, 238, 169
RGB Percent	76%, 93%, 66%
CMY	0.2353, 0.0667, 0.3373
CMYK	0.18, 0.00, 0.29, 0.07
HSL	97°, 67%, 80%
HSV	97°, 29%, 93%
XYZ	60.2416, 75.6157, 48.9563
YIQ	217.2770, -3.4790, -30.5750

Conversions

Conversions Part 2

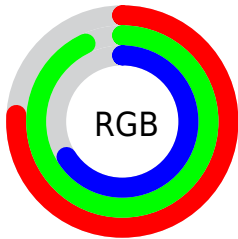
Format	Color
RYB	169, 238, 212
Decimal	12840617
CIELab	89.68, -26.03, 28.99
CIElCh	90, 38.958, 131.918
Yxy	75.6157, 0.3260, 0.4091
Android (android.graphics.Color)	4291030697 (0xFFC3EEA9)
YUV	217.2770, -23.8006, -19.5369
Hunter-Lab	86.9573, -28.5154, 27.4903

Details

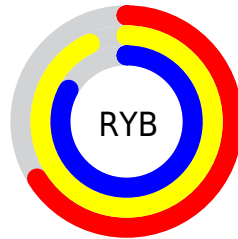
The RGB color **195, 238, 169** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **212, 169, 238**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **252, 255, 225**, and **140, 182, 116** is the 20% darker color. If you saturate the color by 10%, you get **180, 238, 145**, and if you desaturate by 10%, it is **210, 238, 193**.

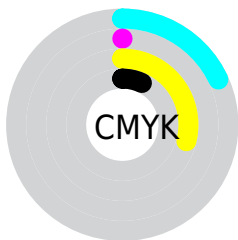
Distribution



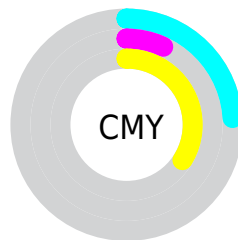
- Red (76%)
- Green (93%)
- Blue (66%)



- Red (66%)
- Yellow (93%)
- Blue (83%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 238, 169 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, 169 by changing the saturation by 10% instead.


 195, 238, 169

 195, 238, 169


255, 255, 255


 167, 210, 142

 252, 255, 225

 140, 182, 116

255, 255, 253

 114, 155, 91

 89, 129, 67

 64, 103, 44

 39, 79, 21

 15, 56, 0

 0, 35, 0

 0, 0, 0

 195, 238, 169


 195, 238, 169

 180, 238, 145


 210, 238, 193

 165, 238, 121


 225, 238, 217

 151, 238, 98


 239, 238, 240


 136, 238, 74

 254, 238, 255

 121, 238, 50

 255, 238, 255

 106, 238, 26

 91, 238, 2

 90, 238, 0

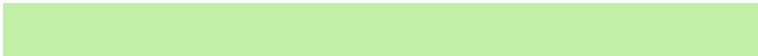
Harmonies

Analogous

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



236, 228, 152



195, 238, 169



151, 244, 201

Triad

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



195, 238, 169



142, 236, 255



255, 198, 212

Complementary

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



195, 238, 169



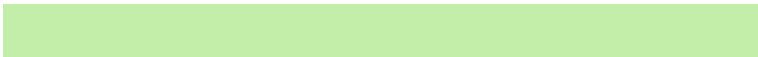
212, 169, 238

Split Complementary

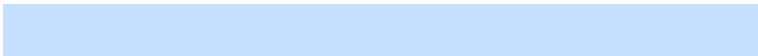
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 249



195, 238, 169



198, 224, 255

Square

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



195, 238, 169



103, 243, 255



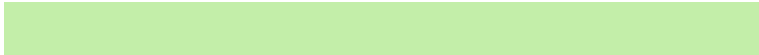
249, 211, 255



255, 204, 177

Rectangle

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



195, 238, 169



123, 246, 227



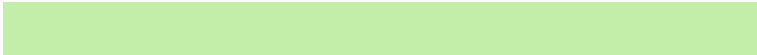
249, 211, 255



255, 197, 224

Sweetspot

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



195, 238, 169



241, 255, 232



238, 212, 169



119, 128, 113



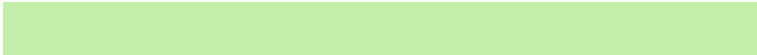
0, 0, 0



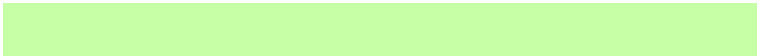
128, 128, 128

Same Dimension

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



195, 238, 169



199, 255, 166



169, 238, 177



112, 120, 108



69, 184, 0



21, 56, 0

Inverse Universe

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



212, 169, 238



221, 166, 255



238, 169, 230



115, 108, 120



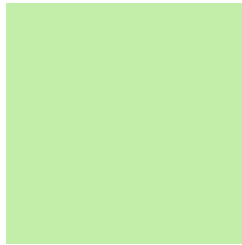
114, 0, 184



35, 0, 56

Previews

White Background



This preview shows how the RGB color 195, 238, 169 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, 169 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, 169 Background



This preview shows how black text looks on a background with the RGB color 195, 238, 169.



This preview shows how white text looks on a background with the RGB color 195, 238, 169.

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, 228, 246

Trichromacy



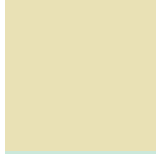
Original Color

195, 238, 169



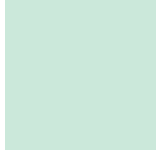
Protanomaly

225, 230, 165



Deuteranomaly

233, 225, 181



Tritanomaly

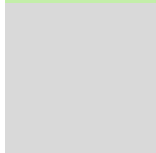
203, 232, 218

Monochromacy



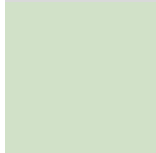
Original Color

195, 238, 169



Achromatopsia

217, 217, 217



Achromatomaly

209, 225, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 238, 169 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 238, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 238, 169) }
```

Border

The CSS property to change the border of an element to RGB 195, 238, 169 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, 169) }
```

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

```
.border{ border-color:rgb(195, 238, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 238, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 238, 169);  
box-shadow:4px 4px 4px 4px rgb(195, 238,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 195, 238, 169 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, 169) }
```

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

```
.background{ background-color: rgb(195,  
238, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor