

Converting Colors

RGB(195, 254, 170)

Have a look what the booklet for
RGB(195, 254, 170) contains.

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Color

RGB(195, 254, 170)

Conversions

Conversions Part 1

Format	Color
Hex	C3FEAA
RGB	195, 254, 170
RGB Percent	76%, 100%, 67%
CMY	0.2353, 0.0039, 0.3333
CMYK	0.23, 0.00, 0.33, 0.00
HSL	102°, 98%, 83%
HSV	102°, 33%, 100%
XYZ	65.2032, 85.3880, 51.0752
YIQ	226.7830, -8.2000, -38.6320

Conversions

Conversions Part 2

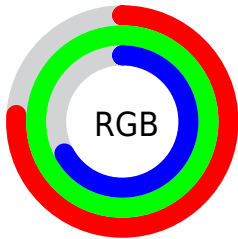
Format	Color
RYB	170, 254, 229
Decimal	12844714
CIELab	94.05, -33.38, 34.34
CIELCh	94, 47.892, 134.185
Yxy	85.3880, 0.3233, 0.4234
Android (android.graphics.Color)	4291034794 (0xFFC3FEAA)
YUV	226.7830, -27.9940, -27.8737
Hunter-Lab	92.4056, -35.7568, 31.9127

Details

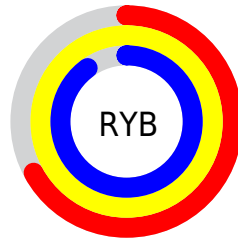
The RGB color **195, 254, 170** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **229, 170, 254**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **253, 255, 226**, and **140, 197, 117** is the 20% darker color. If you saturate the color by 10%, you get **177, 254, 145**, and if you desaturate by 10%, it is **213, 254, 195**.

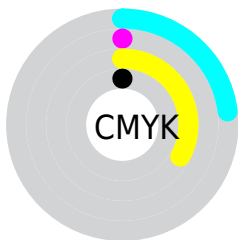
Distribution



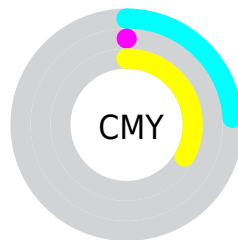
- Red (76%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 254, 170 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, 254, 170 by changing the saturation by 10% instead.

 195, 254, 170


255, 255, 255


 253, 255, 226

255, 255, 255


 195, 254, 170

 167, 225, 143

 140, 197, 117

 113, 170, 92

 87, 143, 67

 61, 117, 43

 35, 92, 19

 3, 68, 0

 0, 45, 0

 0, 23, 0

 195, 254, 170


 195, 254, 170

 177, 254, 145


 213, 254, 195

 159, 254, 119


 231, 254, 221

 141, 254, 94


 249, 254, 246

 124, 254, 68

255, 254, 255

 106, 254, 43

 88, 254, 18

 76, 254, 0

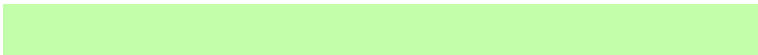
Harmonies

Analogous

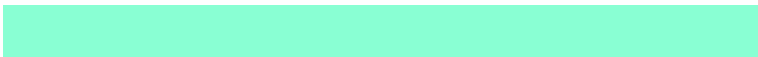
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 242, 147



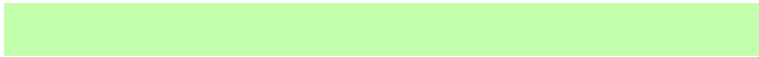
195, 254, 170



137, 255, 211

Triad

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



195, 254, 170



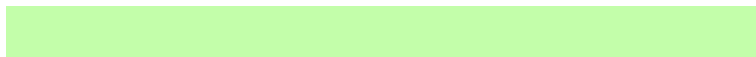
128, 250, 255



255, 202, 217

Complementary

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



195, 254, 170



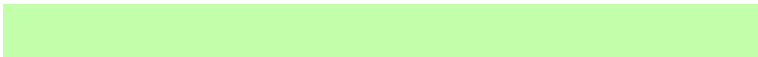
229, 170, 254

Split Complementary

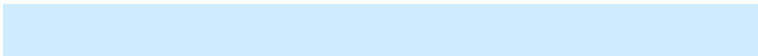
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 255



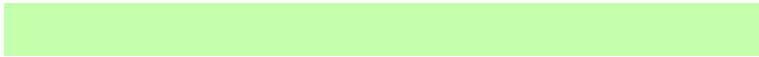
195, 254, 170



207, 235, 255

Square

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



195, 254, 170



51, 255, 255



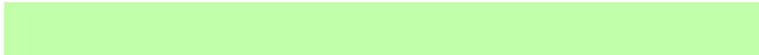
255, 218, 255



255, 211, 176

Rectangle

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



195, 254, 170



93, 255, 243



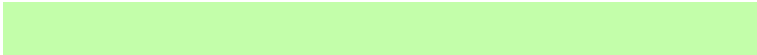
255, 218, 255



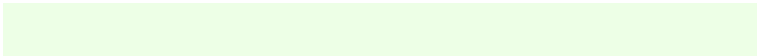
255, 202, 233

Sweetspot

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



195, 254, 170



237, 255, 230



254, 229, 170



117, 128, 112



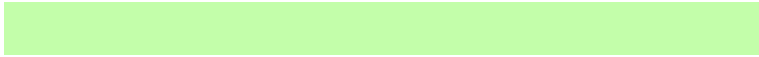
0, 0, 0



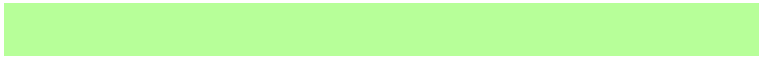
128, 128, 128

Same Dimension

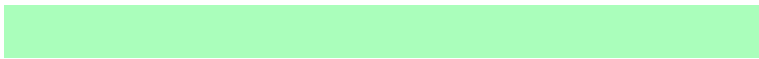
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 254, 170



183, 255, 153



170, 254, 187



119, 128, 115



57, 191, 0



19, 64, 0

Inverse Universe

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



229, 170, 254



225, 153, 255



254, 170, 237



124, 115, 128



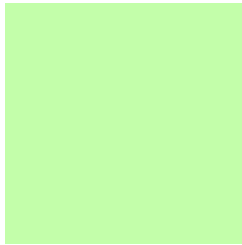
134, 0, 191



45, 0, 64

Previews

White Background



This preview shows how the RGB color 195, 254, 170 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, 254, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

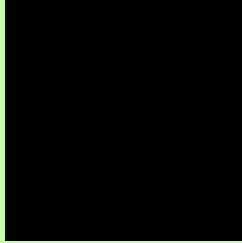
Any Text WCAG AA ✓ Pass

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, 254, 170 Background



This preview shows how black text looks on a background with the RGB color 195, 254, 170.

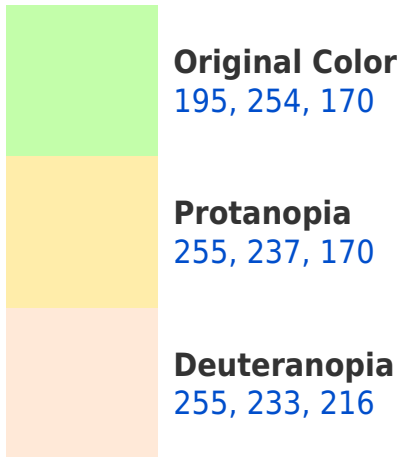


This preview shows how white text looks on a background with the RGB color 195, 254, 170.

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





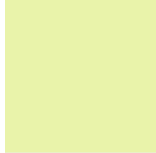
Tritanopia
218, 241, 255

Trichromacy



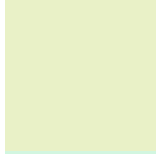
Original Color

195, 254, 170



Protanomaly

233, 243, 170



Deuteranomaly

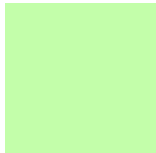
233, 241, 199



Tritanomaly

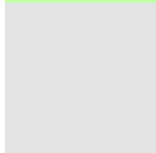
210, 246, 224

Monochromacy



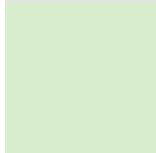
Original Color

195, 254, 170



Achromatopsia

227, 227, 227



Achromatomaly

215, 237, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 254, 170 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, 254, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 254, 170)  
}
```

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, 254, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 254, 170) }
```

Border

The CSS property to change the border of an element to RGB 195, 254, 170 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, 254, 170) }
```

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

```
.border{ border-color:rgb(195, 254, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 254, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 254, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 254, 170);  
box-shadow:4px 4px 4px 4px rgb(195, 254,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 195, 254, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 254, 170) }
```

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

```
.background{ background-color: rgb(195,  
254, 170) }
```

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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