

Converting Colors

RGB(193, 254, 175)

Have a look what the booklet for
RGB(193, 254, 175) contains.

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Color

RGB(193, 254, 175)

Conversions

Conversions Part 1

Format	Color
Hex	C1FEAF
RGB	193, 254, 175
RGB Percent	76%, 100%, 69%
CMY	0.2431, 0.0039, 0.3137
CMYK	0.24, 0.00, 0.31, 0.00
HSL	106°, 98%, 84%
HSV	106°, 31%, 100%
XYZ	65.1720, 85.3162, 53.5902
YIQ	226.7550, -10.9970, -37.5010

Conversions

Conversions Part 2

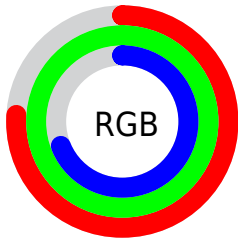
Format	Color
RYB	175, 254, 236
Decimal	12713647
CIELab	94.02, -33.32, 31.78
CIELCh	94, 46.043, 136.352
Yxy	85.3162, 0.3193, 0.4181
Android (android.graphics.Color)	4290903727 (0xFFC1FEAF)
YUV	226.7550, -25.5152, -29.6031
Hunter-Lab	92.3668, -35.6961, 30.2573

Details

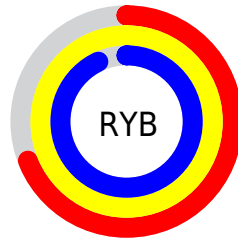
The RGB color **193, 254, 175** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **236, 175, 254**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **251, 255, 231**, and **138, 197, 122** is the 20% darker color. If you saturate the color by 10%, you get **173, 254, 150**, and if you desaturate by 10%, it is **213, 254, 200**.

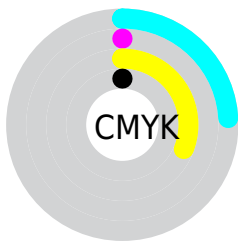
Distribution



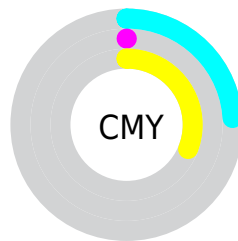
- Red (76%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 254, 175 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, 254, 175 by changing the saturation by 10% instead.

 193, 254, 175


255, 255, 255

 251, 255, 231

 193, 254, 175

 165, 225, 148


 138, 197, 122

 111, 170, 96


 85, 143, 72

 59, 117, 48

 33, 92, 25

 0, 68, 0

 0, 45, 0

 0, 23, 0

■ 193, 254, 175

■ 193, 254, 175

■ 173, 254, 150

■ 213, 254, 200

■ 154, 254, 124

■ 232, 254, 226

■ 134, 254, 99

■ 252, 254, 251

■ 115, 254, 73

■ 255, 254, 255

■ 95, 254, 48

■ 75, 254, 23

■ 58, 254, 0

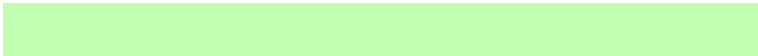
Harmonies

Analogous

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



243, 243, 151



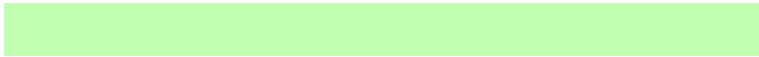
193, 254, 175



138, 255, 215

Triad

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



193, 254, 175



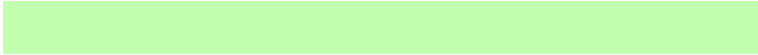
141, 248, 255



255, 204, 215

Complementary

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



193, 254, 175



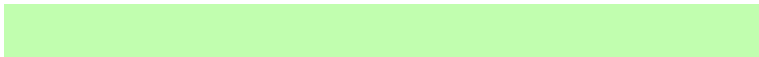
236, 175, 254

Split Complementary

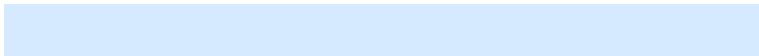
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 206, 255



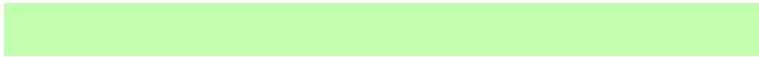
193, 254, 175



214, 234, 255

Square

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



193, 254, 175



75, 255, 255



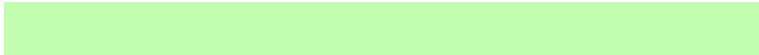
255, 218, 255



255, 213, 175

Rectangle

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



193, 254, 175



99, 255, 246



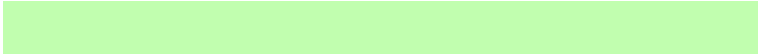
255, 218, 255



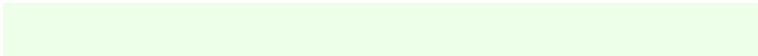
255, 203, 230

Sweetspot

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



193, 254, 175



237, 255, 232



254, 236, 175



117, 128, 113



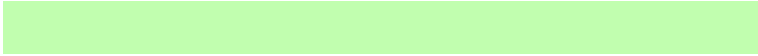
0, 0, 0



128, 128, 128

Same Dimension

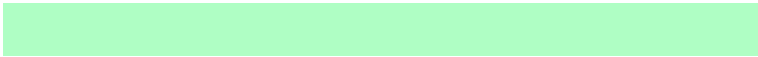
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 254, 175



182, 255, 161



175, 254, 196



118, 128, 115



44, 191, 0



15, 64, 0

Inverse Universe

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



236, 175, 254



234, 161, 255



254, 175, 233



125, 115, 128



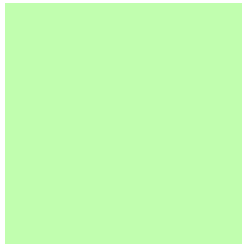
148, 0, 191



49, 0, 64

Previews

White Background



This preview shows how the RGB color 193, 254, 175 looks on a white background.

Color Contrast Check

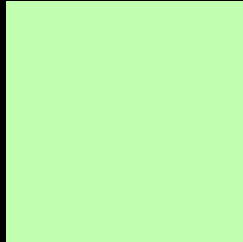
Large Text (above 18pt) WCAG AA × Fail

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, 254, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

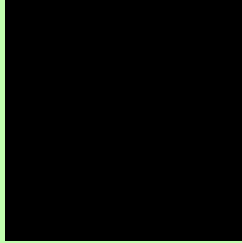
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

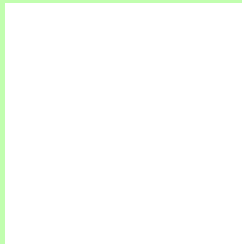
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 193, 254, 175 Background



This preview shows how black text looks on a background with the RGB color 193, 254, 175.

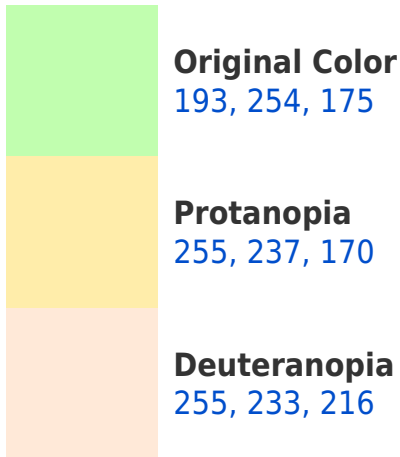


This preview shows how white text looks on a background with the RGB color 193, 254, 175.

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





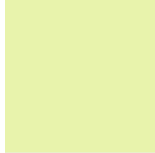
Tritanopia
217, 241, 255

Trichromacy



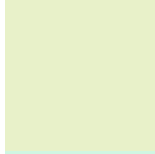
Original Color

193, 254, 175



Protanomaly

232, 243, 172



Deuteranomaly

232, 241, 201



Tritanomaly

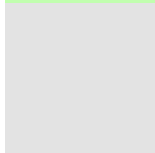
208, 246, 226

Monochromacy



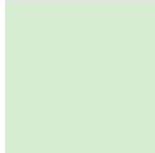
Original Color

193, 254, 175



Achromatopsia

227, 227, 227



Achromatomaly

215, 237, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 254, 175 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, 254, 175)` looks like.

```
.text, #text, p{  
    color:rgb(193, 254, 175)  
}
```

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, 254, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 254, 175) }
```

Border

The CSS property to change the border of an element to RGB 193, 254, 175 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, 254, 175) }
```

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

```
.border{ border-color:rgb(193, 254, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 254, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 254, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 254, 175);  
box-shadow:4px 4px 4px 4px rgb(193, 254,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 193, 254, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 254, 175) }
```

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

```
.background{ background-color: rgb(193,  
254, 175) }
```

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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