

Converting Colors

RGB(205, 252, 151)

Have a look what the booklet for
RGB(205, 252, 151) contains.

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Color

RGB(205, 252, 151)

Conversions

Conversions Part 1

Format	Color
Hex	CDFC97
RGB	205, 252, 151
RGB Percent	80%, 99%, 59%
CMY	0.1961, 0.0118, 0.4078
CMYK	0.19, 0.00, 0.40, 0.01
HSL	88°, 94%, 79%
HSV	88°, 40%, 99%
XYZ	65.5732, 84.8343, 42.1967
YIQ	226.4330, 4.4090, -41.3750

Conversions

Conversions Part 2

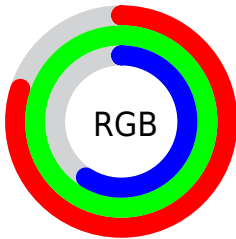
Format	Color
RYB	151, 252, 198
Decimal	13499543
CIELab	93.81, -31.52, 43.52
CIELCh	94, 53.731, 125.917
Yxy	84.8343, 0.3405, 0.4405
Android (android.graphics.Color)	4291689623 (0xFFCDFC97)
YUV	226.4330, -37.1885, -18.7967
Hunter-Lab	92.1055, -34.1043, 37.3111

Details

The RGB color **205, 252, 151** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **198, 151, 252**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 206**, and **149, 195, 98** is the 20% darker color. If you saturate the color by 10%, you get **193, 252, 126**, and if you desaturate by 10%, it is **217, 252, 176**.

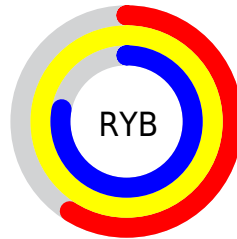
Distribution



Red (80%)

Green (99%)

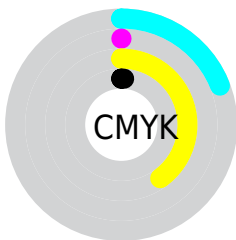
Blue (59%)



Red (59%)

Yellow (99%)

Blue (78%)

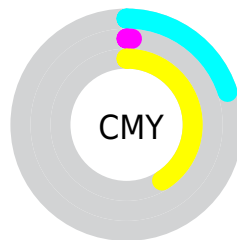


Cyan (19%)

Magenta (0%)

Yellow (40%)

Black (1%)



Cyan (20%)

Magenta (1%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 252, 151 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 205, 252, 151 by changing the saturation by 10% instead.


 205, 252, 151

 205, 252, 151

255, 255, 255

 177, 223, 124

 255, 255, 206

 149, 195, 98

 255, 255, 235

 122, 168, 73

 96, 141, 48

 70, 115, 21

 43, 91, 0

 17, 67, 0

 0, 44, 0

 0, 22, 0

■ 205, 252, 151

■ 205, 252, 151

■ 193, 252, 126

■ 217, 252, 176

■ 182, 252, 101

■ 228, 252, 201

■ 170, 252, 75

■ 240, 252, 227

■ 158, 252, 50

■ 252, 252, 252

■ 146, 252, 25

■ 255, 252, 255

■ 135, 252, 0

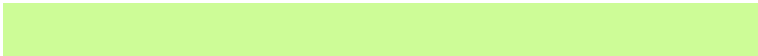
Harmonies

Analogous

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



255, 238, 132



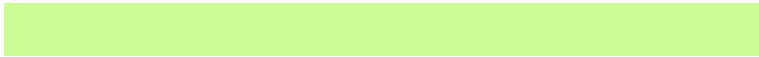
205, 252, 151



139, 255, 193

Triad

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



205, 252, 151



59, 254, 255



255, 196, 229

Complementary

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



205, 252, 151



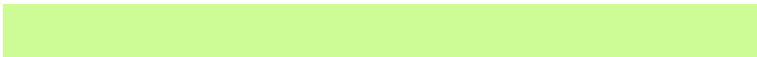
198, 151, 252

Split Complementary

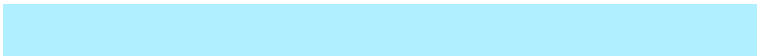
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 203, 255



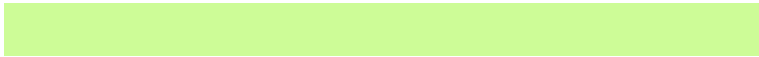
205, 252, 151



175, 239, 255

Square

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



205, 252, 151



0, 255, 255



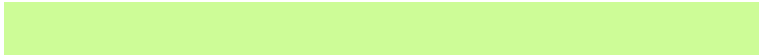
255, 220, 255



255, 203, 179

Rectangle

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



205, 252, 151



82, 255, 228



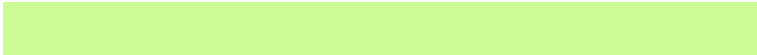
255, 220, 255



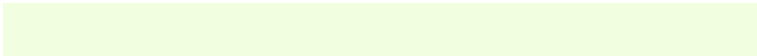
255, 196, 246

Sweetspot

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



205, 252, 151



241, 255, 224



252, 196, 151



119, 128, 110



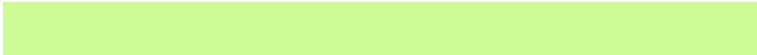
0, 0, 0



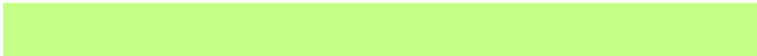
128, 128, 128

Same Dimension

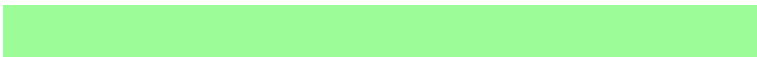
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 252, 151



198, 255, 133



156, 252, 151



119, 125, 112



101, 189, 0



33, 61, 0

Inverse Universe

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



198, 151, 252



190, 133, 255



247, 151, 252



118, 112, 125



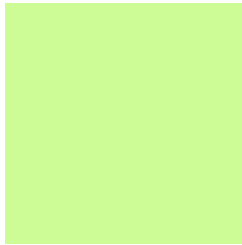
88, 0, 189



28, 0, 61

Previews

White Background



This preview shows how the RGB color 205, 252, 151 looks on a white background.

Color Contrast Check

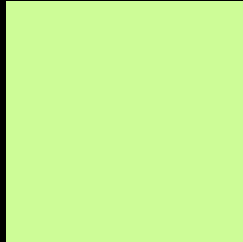
Large Text (above 18pt) WCAG AA × Fail

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 205, 252, 151 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 205, 252, 151 Background



This preview shows how black text looks on a background with the RGB color 205, 252, 151.

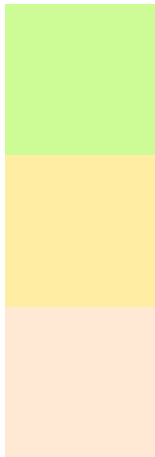


This preview shows how white text looks on a background with the RGB color 205, 252, 151.

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
205, 252, 151

Protanopia
255, 237, 164

Deuteranopia
255, 233, 212



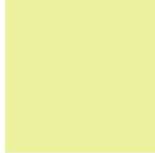
Tritanopia
223, 239, 255

Trichromacy



Original Color

205, 252, 151



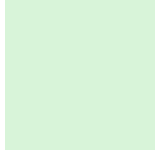
Protanomaly

237, 242, 159



Deuteranomaly

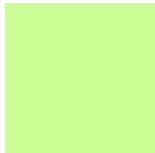
237, 240, 190



Tritanomaly

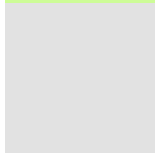
216, 244, 217

Monochromacy



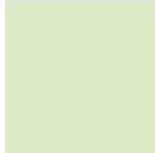
Original Color

205, 252, 151



Achromatopsia

226, 226, 226



Achromatomaly

218, 235, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 252, 151 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(205, 252, 151)` looks like.

```
.text, #text, p{  
    color:rgb(205, 252, 151)  
}
```

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(205, 252, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 252, 151) }
```

Border

The CSS property to change the border of an element to RGB 205, 252, 151 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(205, 252, 151) }
```

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

```
.border{ border-color:rgb(205, 252, 151) }
```

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

Here you see how a box with a 4 pixel rgb(205, 252, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 252, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 252, 151);  
box-shadow:4px 4px 4px 4px rgb(205, 252,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 205, 252, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 252, 151) }
```

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

```
.background{ background-color: rgb(205,  
252, 151) }
```

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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