

Converting Colors

RGB(210, 255, 155)

Have a look what the booklet for
RGB(210, 255, 155) contains.

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Color

RGB(210, 255, 155)

Conversions

Conversions Part 1

Format	Color
Hex	D2FF9B
RGB	210, 255, 155
RGB Percent	82%, 100%, 61%
CMY	0.1765, 0.0000, 0.3922
CMYK	0.18, 0.00, 0.39, 0.00
HSL	87°, 100%, 80%
HSV	87°, 39%, 100%
XYZ	68.2547, 87.5882, 44.3192
YIQ	230.1450, 5.2800, -40.6400

Conversions

Conversions Part 2

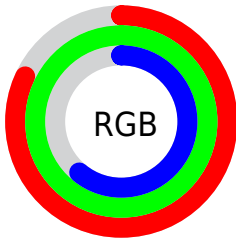
Format	Color
RYB	155, 255, 200
Decimal	13827995
CIELab	94.99, -30.64, 43.14
CIELCh	95, 52.914, 125.390
Yxy	87.5882, 0.3410, 0.4376
Android (android.graphics.Color)	4292018075 (0xFFD2FF9B)
YUV	230.1450, -37.0465, -17.6672
Hunter-Lab	93.5886, -33.5988, 37.4350

Details

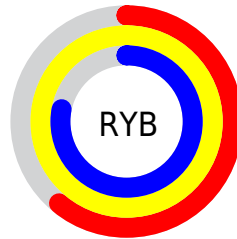
The RGB color **210, 255, 155** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **200, 155, 255**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 211**, and **154, 198, 102** is the 20% darker color. If you saturate the color by 10%, you get **199, 255, 130**, and if you desaturate by 10%, it is **221, 255, 180**.

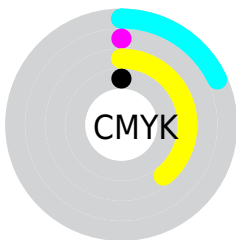
Distribution



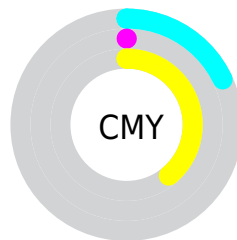
- Red (82%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (78%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 255, 155 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 210, 255, 155 by changing the saturation by 10% instead.

 210, 255, 155

255, 255, 255

 255, 255, 211

 255, 255, 239


 210, 255, 155

 182, 226, 128

 154, 198, 102

 127, 171, 77

 100, 144, 51

 74, 118, 25

 48, 93, 0

 24, 69, 0

 0, 46, 0

 0, 26, 0

■ 210, 255, 155

■ 210, 255, 155

■ 199, 255, 130

■ 221, 255, 180

■ 187, 255, 104

■ 233, 255, 206

■ 176, 255, 79

■ 244, 255, 232

■ 164, 255, 53

255, 255, 255

■ 153, 255, 27

■ 141, 255, 2

■ 140, 255, 0

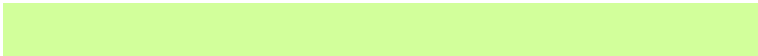
Harmonies

Analogous

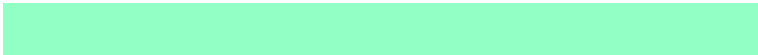
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 241, 137



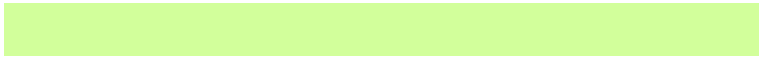
210, 255, 155



146, 255, 196

Triad

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



210, 255, 155



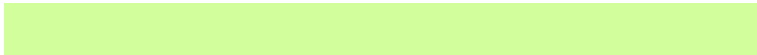
71, 255, 255



255, 200, 233

Complementary

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



210, 255, 155



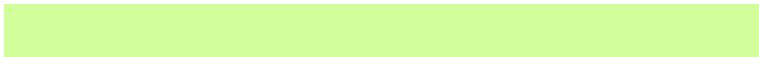
200, 155, 255

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, 207, 255



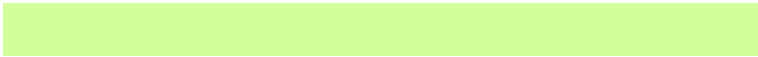
210, 255, 155



179, 243, 255

Square

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



210, 255, 155



0, 255, 255



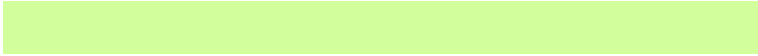
255, 224, 255



255, 207, 184

Rectangle

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



210, 255, 155



93, 255, 231



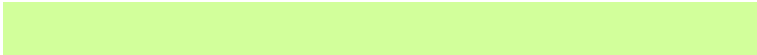
255, 224, 255



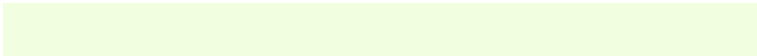
255, 201, 251

Sweetspot

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



210, 255, 155



241, 255, 224



255, 200, 155



119, 128, 110



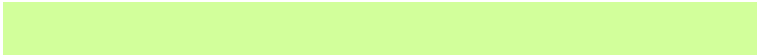
0, 0, 0



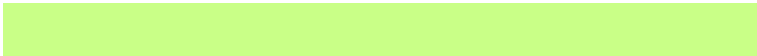
128, 128, 128

Same Dimension

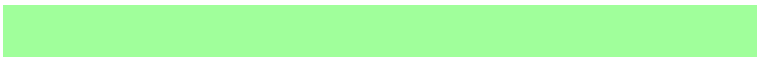
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 255, 155



201, 255, 135



160, 255, 155



122, 128, 115



105, 191, 0



35, 64, 0

Inverse Universe

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



200, 155, 255



189, 135, 255



250, 155, 255



120, 115, 128



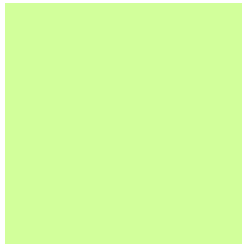
86, 0, 191



29, 0, 64

Previews

White Background



This preview shows how the RGB color 210, 255, 155 looks on a white background.

Color Contrast Check

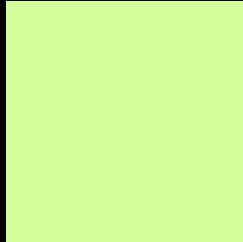
Large Text (above 18pt) WCAG AA × Fail

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 210, 255, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

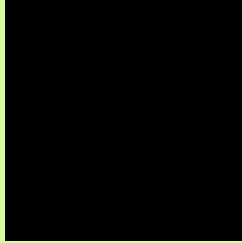
Any Text WCAG AA ✓ Pass

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 210, 255, 155 Background



This preview shows how black text looks on a background with the RGB color 210, 255, 155.

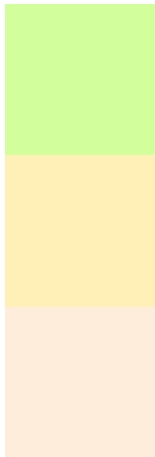


This preview shows how white text looks on a background with the RGB color 210, 255, 155.

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
210, 255, 155

Protanopia
255, 240, 184

Deuteranopia
255, 237, 220



Tritanopia

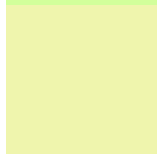
230, 242, 255

Trichromacy



Original Color

210, 255, 155



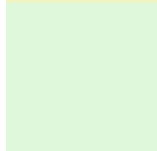
Protanomaly

239, 245, 173



Deuteranomaly

239, 244, 196



Tritanomaly

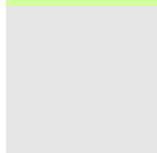
223, 247, 219

Monochromacy



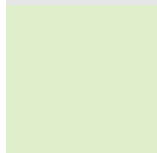
Original Color

210, 255, 155



Achromatopsia

230, 230, 230



Achromatomaly

223, 239, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 255, 155 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(210, 255, 155)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 155)  
}
```

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(210, 255, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 155) }
```

Border

The CSS property to change the border of an element to RGB 210, 255, 155 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(210, 255, 155) }
```

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

```
.border{ border-color:rgb(210, 255, 155) }
```

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

Here you see how a box with a 4 pixel rgb(210, 255, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 210, 255, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 155) }
```

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

```
.background{ background-color: rgb(210,  
255, 155) }
```

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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