

Converting Colors

RGB(215, 252, 153)

Have a look what the booklet for
RGB(215, 252, 153) contains.

RGB(215, 252, 153)	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(215, 252, 153)

Conversions

Conversions Part 1

Format	Color
Hex	D7FC99
RGB	215, 252, 153
RGB Percent	84%, 99%, 60%
CMY	0.1569, 0.0118, 0.4000
CMYK	0.15, 0.00, 0.39, 0.01
HSL	82°, 94%, 79%
HSV	82°, 39%, 99%
XYZ	68.5845, 86.3678, 43.1929
YIQ	229.6510, 9.7270, -38.6330

Conversions

Conversions Part 2

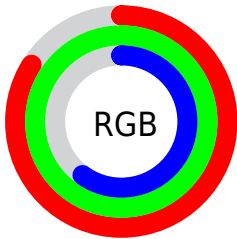
Format	Color
RYB	153, 252, 190
Decimal	14154905
CIELab	94.47, -27.69, 43.51
CIElCh	94, 51.575, 122.474
Yxy	86.3678, 0.3461, 0.4359
Android (android.graphics.Color)	4292344985 (0xFFD7FC99)
YUV	229.6510, -37.7889, -12.8489
Hunter-Lab	92.9343, -30.9039, 37.4979

Details

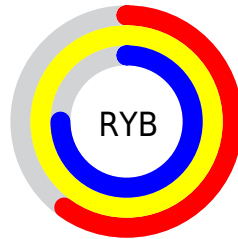
The RGB color **215, 252, 153** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **190, 153, 252**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 208**, and **159, 195, 100** is the 20% darker color. If you saturate the color by 10%, you get **206, 252, 128**, and if you desaturate by 10%, it is **224, 252, 178**.

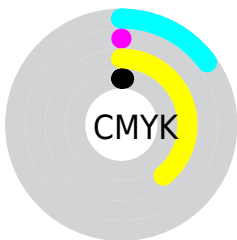
Distribution



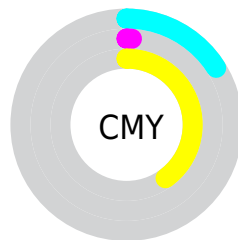
- Red (84%)
- Green (99%)
- Blue (60%)



- Red (60%)
- Yellow (99%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (39%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 252, 153 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 215, 252, 153 by changing the saturation by 10% instead.

 215, 252, 153

255, 255, 255

 255, 255, 208

 255, 255, 237

 215, 252, 153

 187, 223, 126

 159, 195, 100

 132, 168, 75

 105, 141, 50

 79, 116, 23

 54, 91, 0

 29, 67, 0

 0, 45, 0

 0, 24, 0

■ 215, 252, 153

■ 215, 252, 153

■ 206, 252, 128

■ 224, 252, 178

■ 196, 252, 103

■ 234, 252, 203

■ 187, 252, 77

■ 243, 252, 229

■ 177, 252, 52

■ 253, 252, 254

■ 168, 252, 27

■ 255, 252, 255

■ 158, 252, 2

■ 158, 252, 0

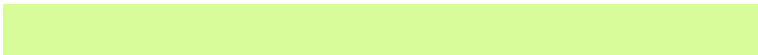
Harmonies

Analogous

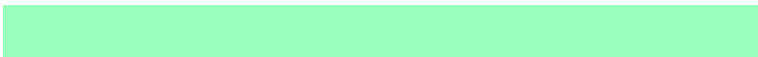
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 238, 138



215, 252, 153



154, 255, 191

Triad

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



215, 252, 153



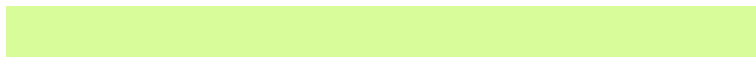
68, 255, 255



255, 200, 237

Complementary

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



215, 252, 153



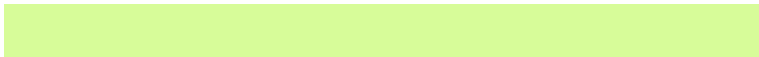
190, 153, 252

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, 208, 255



215, 252, 153



171, 243, 255

Square

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



215, 252, 153



0, 255, 255



250, 225, 255



255, 205, 188

Rectangle

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



215, 252, 153



106, 255, 224



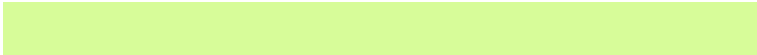
250, 225, 255



255, 201, 254

Sweetspot

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



215, 252, 153



244, 255, 224



252, 189, 153



121, 128, 110



0, 0, 0



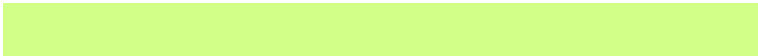
128, 128, 128

Same Dimension

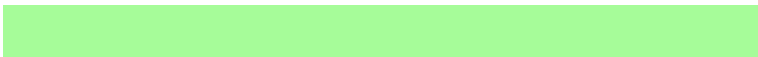
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215, 252, 153



210, 255, 135



166, 252, 153



120, 125, 112



118, 189, 0



38, 61, 0

Inverse Universe

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



190, 153, 252



180, 135, 255



239, 153, 252



117, 112, 125



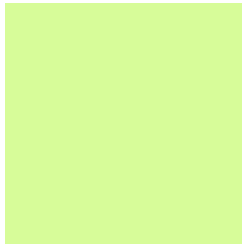
71, 0, 189



23, 0, 61

Previews

White Background



This preview shows how the RGB color 215, 252, 153 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 215, 252, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

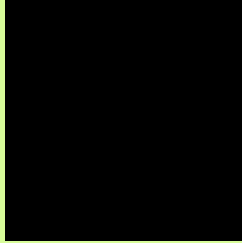
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

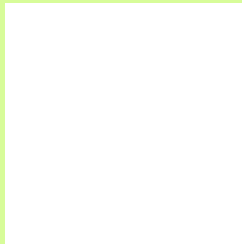
Any Text WCAG AAA ✓ Pass

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

RGB 215, 252, 153 Background



This preview shows how black text looks on a background with the RGB color 215, 252, 153.

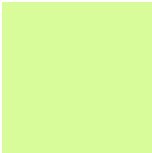
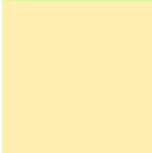
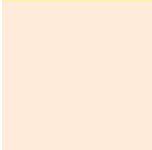


This preview shows how white text looks on a background with the RGB color 215, 252, 153.

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 215, 252, 153
	Protanopia 255, 239, 176
	Deuteranopia 255, 235, 217



Tritanopia

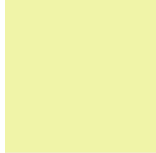
231, 239, 255

Trichromacy



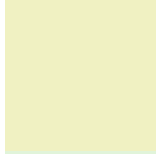
Original Color

215, 252, 153



Protanomaly

240, 244, 168



Deuteranomaly

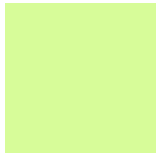
240, 241, 194



Tritanomaly

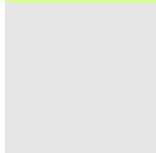
225, 244, 218

Monochromacy



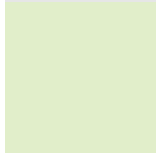
Original Color

215, 252, 153



Achromatopsia

230, 230, 230



Achromatomaly

225, 238, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 252, 153 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(215, 252, 153)` looks like.

```
.text, #text, p{  
    color:rgb(215, 252, 153)  
}
```

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(215, 252, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 252, 153) }
```

Border

The CSS property to change the border of an element to RGB 215, 252, 153 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(215, 252, 153) }
```

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

```
.border{ border-color:rgb(215, 252, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 252, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 252, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 252, 153);  
box-shadow:4px 4px 4px 4px rgb(215, 252,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 215, 252, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 252, 153) }
```

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

```
.background{ background-color: rgb(215,  
252, 153) }
```

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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