

# Converting Colors

RGB(187, 251, 155)

Have a look what the booklet for  
RGB(187, 251, 155) contains.

<b>RGB(187, 251, 155)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(187, 251, 155)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBFB9B
RGB	187, 251, 155
RGB Percent	73%, 98%, 61%
CMY	0.2667, 0.0157, 0.3922
CMYK	0.25, 0.00, 0.38, 0.02
HSL	100°, 92%, 80%
HSV	100°, 38%, 98%
XYZ	60.9071, 81.9257, 43.6134
YIQ	220.9200, -7.3280, -43.4240

# Conversions

## Conversions Part 2

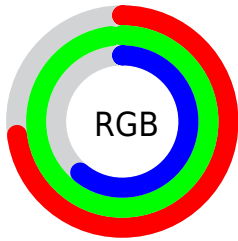
Format	Color
<a href="#">RYB</a>	155, 251, 219
Decimal	12319643
CIELab	92.54, -36.79, 39.71
CIElCh	93, 54.131, 132.809
Yxy	81.9257, 0.3267, 0.4394
Android (android.graphics.Color)	4290509723 (0xFFBBFB9B)
YUV	220.9200, -32.4986, -29.7478
Hunter-Lab	90.5128, -38.2828, 34.7902

# Details

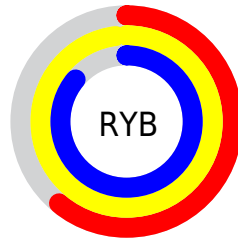
The RGB color **187, 251, 155** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **219, 155, 251**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **245, 255, 210**, and **132, 194, 102** is the 20% darker color. If you saturate the color by 10%, you get **170, 251, 130**, and if you desaturate by 10%, it is **204, 251, 180**.

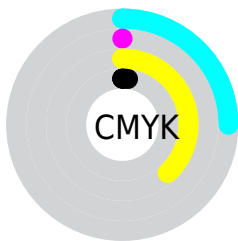
# Distribution



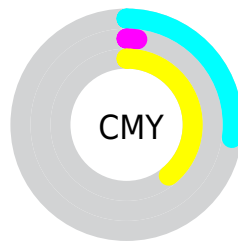
- Red (73%)
- Green (98%)
- Blue (61%)



- Red (61%)
- Yellow (98%)
- Blue (86%)



- Cyan (25%)
- Magenta (0%)
- Yellow (38%)
- Black (2%)



- Cyan (27%)
- Magenta (2%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 187, 251, 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 187, 251, 155 by changing the saturation by 10% instead.



 187, 251, 155

255, 255, 255

 245, 255, 210

 255, 255, 239


 187, 251, 155

 159, 222, 128

 132, 194, 102

 105, 167, 77

 78, 140, 52

 51, 114, 27

 22, 89, 0

 0, 65, 0

 0, 43, 0

 0, 16, 0

 187, 251, 155

 187, 251, 155

 170, 251, 130

 204, 251, 180

 154, 251, 105


 220, 251, 205

 137, 251, 80

 237, 251, 230

 120, 251, 55

 254, 251, 255

 103, 251, 30

 255, 251, 255

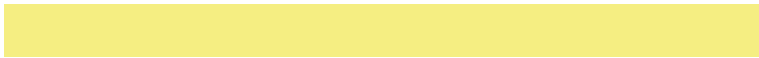
 87, 251, 4

 84, 251, 0

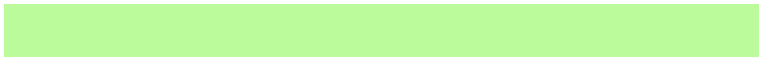
# Harmonies

## Analogous

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



245, 238, 130



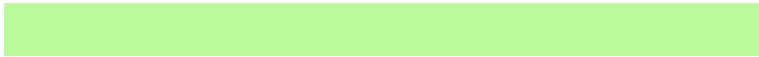
187, 251, 155



116, 255, 201

# Triad

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



187, 251, 155



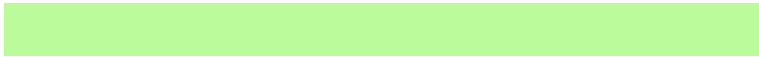
84, 247, 255



255, 192, 213

# Complementary

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



187, 251, 155



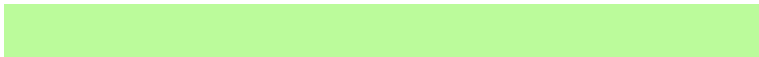
219, 155, 251

# Split Complementary

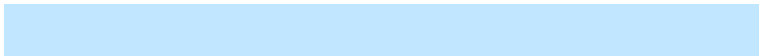
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 196, 255



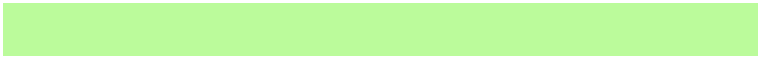
187, 251, 155



192, 231, 255

# Square

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



187, 251, 155



0, 255, 255



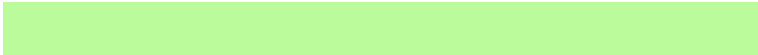
255, 212, 255



255, 202, 165

# Rectangle

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



187, 251, 155



41, 255, 237



255, 212, 255

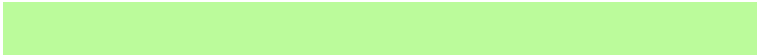


255, 192, 231

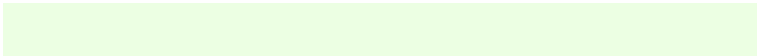


# Sweetspot

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



187, 251, 155



236, 255, 227



251, 219, 155



116, 128, 111



0, 0, 0



128, 128, 128



# Same Dimension

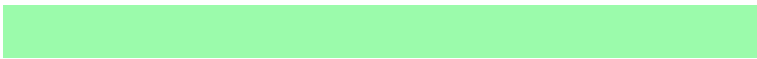
The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 251, 155



177, 255, 138



155, 251, 171



117, 125, 112



63, 189, 0



20, 61, 0



# Inverse Universe

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



219, 155, 251



216, 138, 255



251, 155, 235



121, 112, 125



126, 0, 189

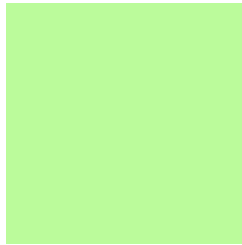


41, 0, 61



# Previews

## White Background



This preview shows how the RGB color 187, 251, 155 looks on a white background.

## Color Contrast Check

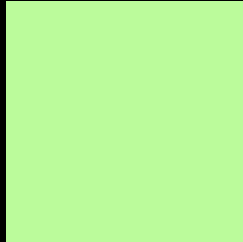
Large Text (above 18pt) WCAG AA × Fail

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 187, 251, 155 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

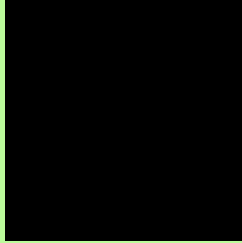
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

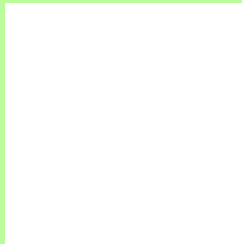
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 187, 251, 155 Background



This preview shows how black text looks on a background with the RGB color 187, 251, 155.

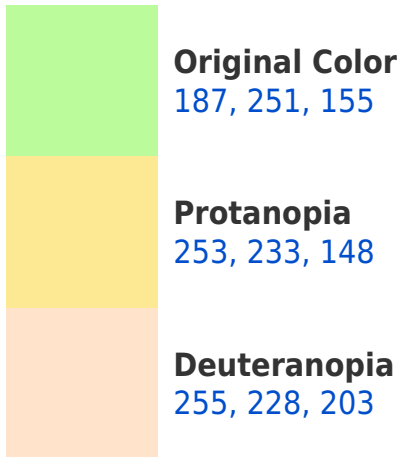


This preview shows how white text looks on a background with the RGB color 187, 251, 155.

# 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



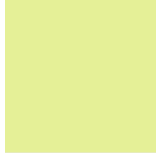


**Tritanopia**  
207, 238, 255

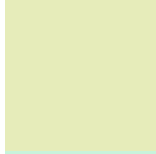
# Trichromacy



**Original Color**  
187, 251, 155



**Protanomaly**  
229, 240, 151

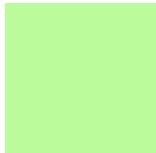


**Deuteranomaly**  
230, 236, 186

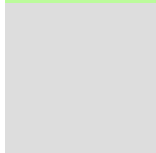


**Tritanomaly**  
200, 243, 219

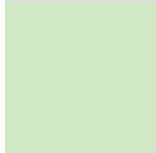
# Monochromacy



**Original Color**  
187, 251, 155



**Achromatopsia**  
221, 221, 221



**Achromatomaly**  
209, 232, 197

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 187, 251, 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(187, 251, 155)` looks like.

```
.text, #text, p{  
    color:rgb(187, 251, 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(187, 251, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 251, 155) }
```

## Border

The CSS property to change the border of an element to RGB 187, 251, 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(187, 251, 155) }
```

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

```
.border{ border-color:rgb(187, 251, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 251, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 251, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 251, 155);  
box-shadow:4px 4px 4px 4px rgb(187, 251,  
155) }
```

# Background

The CSS property to change the background color of an element to RGB 187, 251, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 251, 155) }
```

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

```
.background{ background-color: rgb(187,  
251, 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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