

Converting Colors

RGB(145, 235, 145)

Have a look what the booklet for
RGB(145, 235, 145) contains.

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Color

RGB(145, 235, 145)

Conversions

Conversions Part 1

Format	Color
Hex	91EB91
RGB	145, 235, 145
RGB Percent	57%, 92%, 57%
CMY	0.4314, 0.0784, 0.4314
CMYK	0.38, 0.00, 0.38, 0.08
HSL	120°, 69%, 75%
HSV	120°, 38%, 92%
XYZ	46.4962, 67.4807, 37.3625
YIQ	197.8300, -24.7500, -47.0700

Conversions

Conversions Part 2

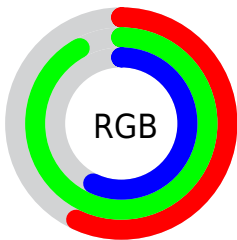
Format	Color
RYB	145, 235, 235
Decimal	9563025
CIELab	85.75, -44.59, 35.40
CIELCh	86, 56.937, 141.551
Yxy	67.4807, 0.3072, 0.4459
Android (android.graphics.Color)	4287753105 (0xFF91EB91)
YUV	197.8300, -26.0452, -46.3319
Hunter-Lab	82.1467, -42.7230, 30.5360

Details

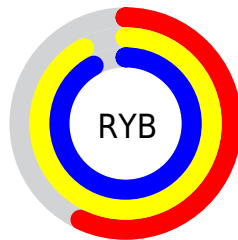
The RGB color **145, 235, 145** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **235, 145, 235**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **202, 255, 200**, and **89, 179, 93** is the 20% darker color. If you saturate the color by 10%, you get **122, 235, 122**, and if you desaturate by 10%, it is **169, 235, 169**.

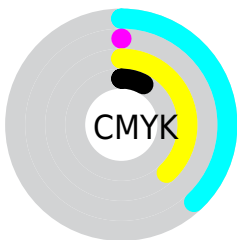
Distribution



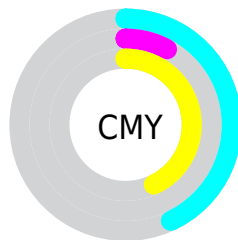
- Red (57%)
- Green (92%)
- Blue (57%)



- Red (57%)
- Yellow (92%)
- Blue (92%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (43%)
- Magenta (8%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 235, 145 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 145, 235, 145 by changing the saturation by 10% instead.

 145, 235, 145

 145, 235, 145


255, 255, 255

 117, 206, 119

 202, 255, 200

 89, 179, 93

 231, 255, 228

 61, 151, 68

 28, 125, 44

 0, 99, 19

 0, 75, 0

 0, 51, 0

 0, 28, 0

 0, 0, 0

 145, 235, 145

 145, 235, 145

 122, 235, 122

 169, 235, 169

 98, 235, 98

 192, 235, 192

 75, 235, 75

 215, 235, 215

 51, 235, 51

 239, 235, 239

 27, 235, 27

 255, 235, 255

 4, 235, 4

 0, 235, 0

Harmonies

Analogous

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



208, 223, 110



145, 235, 145



41, 241, 197

Triad

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



145, 235, 145



80, 225, 255



255, 172, 178

Complementary

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



145, 235, 145



235, 145, 235

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, 171, 232



145, 235, 145



195, 206, 255

Square

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



145, 235, 145



0, 237, 255



255, 185, 255



255, 187, 132

Rectangle

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



145, 235, 145



0, 242, 234



255, 185, 255



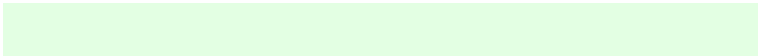
255, 170, 195

Sweetspot

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



145, 235, 145



227, 255, 227



235, 235, 145



111, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



145, 235, 145



138, 255, 138



145, 235, 190



106, 117, 106



0, 181, 0



0, 54, 0

Inverse Universe

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



235, 145, 235



255, 138, 255



235, 145, 190



117, 106, 117



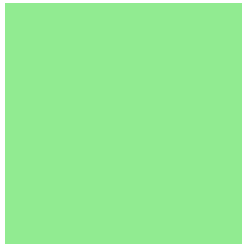
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 145, 235, 145 looks on a white background.

Color Contrast Check

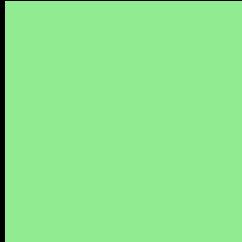
Large Text (above 18pt) WCAG AA × Fail

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 145, 235, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

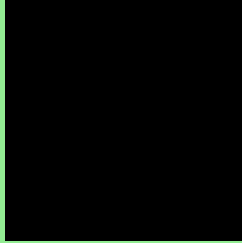
Any Text WCAG AA ✓ Pass

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 145, 235, 145 Background



This preview shows how black text looks on a background with the RGB color 145, 235, 145.

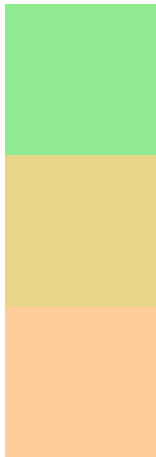


This preview shows how white text looks on a background with the RGB color 145, 235, 145.

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
145, 235, 145

Protanopia
232, 213, 136

Deuteranopia
253, 204, 152



Tritanopia
164, 223, 241

Trichromacy



Original Color

145, 235, 145



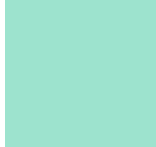
Protanomaly

200, 221, 139



Deuteranomaly

214, 215, 149



Tritanomaly

157, 227, 206

Monochromacy



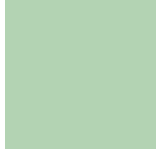
Original Color

145, 235, 145



Achromatopsia

198, 198, 198



Achromatomaly

179, 211, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 235, 145 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(145, 235, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 235, 145)  
}
```

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(145, 235, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 235, 145) }
```

Border

The CSS property to change the border of an element to RGB 145, 235, 145 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(145, 235, 145) }
```

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

```
.border{ border-color:rgb(145, 235, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 235, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 235, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 235, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 235,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 145, 235, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 235, 145) }
```

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

```
.background{ background-color: rgb(145,  
235, 145) }
```

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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