

Converting Colors

RGB(185, 224, 127)

Have a look what the booklet for
RGB(185, 224, 127) contains.

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Color

RGB(185, 224, 127)

Conversions

Conversions Part 1

Format	Color
Hex	B9E07F
RGB	185, 224, 127
RGB Percent	73%, 88%, 50%
CMY	0.2745, 0.1216, 0.5020
CMYK	0.17, 0.00, 0.43, 0.12
HSL	84°, 61%, 69%
HSV	84°, 43%, 88%
XYZ	50.4940, 65.1579, 29.9941
YIQ	201.2810, 7.8930, -38.4350

Conversions

Conversions Part 2

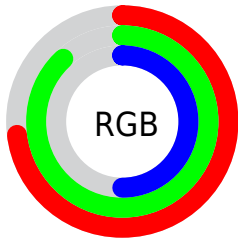
Format	Color
RYB	127, 224, 166
Decimal	12181631
CIELab	84.57, -28.52, 43.25
CIELCh	85, 51.810, 123.397
Yxy	65.1579, 0.3467, 0.4474
Android (android.graphics.Color)	4290371711 (0xFFB9E07F)
YUV	201.2810, -36.6205, -14.2784
Hunter-Lab	80.7204, -29.6016, 34.4733

Details

The RGB color **185, 224, 127** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **166, 127, 224**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **242, 255, 181**, and **130, 169, 75** is the 20% darker color. If you saturate the color by 10%, you get **176, 224, 105**, and if you desaturate by 10%, it is **194, 224, 149**.

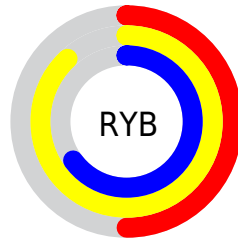
Distribution



Red (73%)

Green (88%)

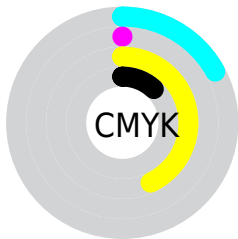
Blue (50%)



Red (50%)

Yellow (88%)

Blue (65%)

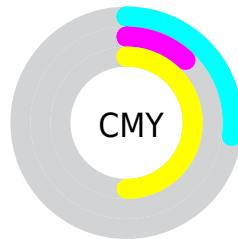


Cyan (17%)

Magenta (0%)

Yellow (43%)

Black (12%)



Cyan (27%)

Magenta (12%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 224, 127 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 185, 224, 127 by changing the saturation by 10% instead.

 185, 224, 127


255, 255, 255


 242, 255, 181


 255, 255, 209

 255, 255, 238

 185, 224, 127

 157, 196, 101

 130, 169, 75

 104, 142, 50

 78, 116, 24

 52, 91, 0

 28, 68, 0

 0, 45, 0

 0, 25, 0

 0, 0, 0

 185, 224, 127


 185, 224, 127

 176, 224, 105


 194, 224, 149


 167, 224, 82


 203, 224, 172

 158, 224, 60

 212, 224, 194

 149, 224, 37

 221, 224, 217

 140, 224, 15

 230, 224, 239

 134, 224, 0

 239, 224, 255

 248, 224, 255

 255, 224, 255

Harmonies

Analogous

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



236, 210, 111



185, 224, 127



123, 233, 166

Triad

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



185, 224, 127



0, 228, 255



255, 171, 207

Complementary

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



185, 224, 127



166, 127, 224

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, 179, 255



185, 224, 127



143, 214, 255

Square

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



185, 224, 127



0, 235, 255



223, 196, 255



255, 177, 160

Rectangle

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



185, 224, 127



65, 236, 198



223, 196, 255



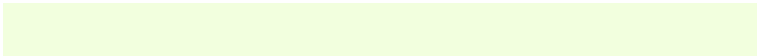
255, 172, 224

Sweetspot

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



185, 224, 127



242, 255, 222



224, 166, 127



119, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



185, 224, 127



202, 255, 122



137, 224, 127



108, 112, 101



105, 176, 0



29, 48, 0

Inverse Universe

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



166, 127, 224



176, 122, 255



214, 127, 224



105, 101, 112



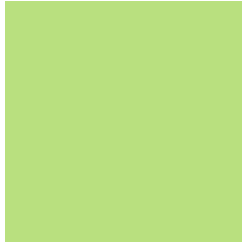
71, 0, 176



19, 0, 48

Previews

White Background



This preview shows how the RGB color 185, 224, 127 looks on a white background.

Color Contrast Check

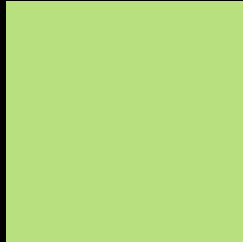
Large Text (above 18pt) WCAG AA × Fail

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 185, 224, 127 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 185, 224, 127 Background



This preview shows how black text looks on a background with the RGB color 185, 224, 127.

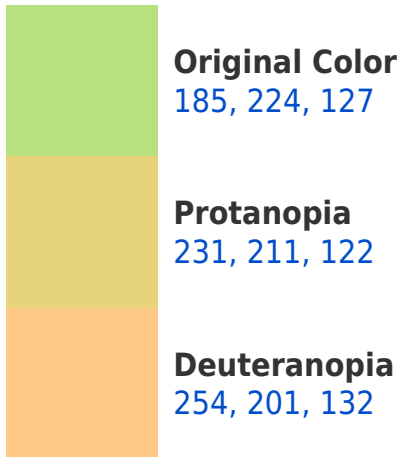


This preview shows how white text looks on a background with the RGB color 185, 224, 127.

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
199, 212, 229

Trichromacy



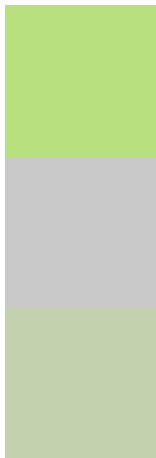
Original Color
185, 224, 127

Protanomaly
214, 216, 124

Deuteranomaly
229, 209, 130

Tritanomaly
194, 216, 192

Monochromacy



Original Color
185, 224, 127

Achromatopsia
201, 201, 201

Achromatomaly
195, 209, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 224, 127 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(185, 224, 127)` looks like.

```
.text, #text, p{  
    color:rgb(185, 224, 127)  
}
```

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(185, 224, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 224, 127) }
```

Border

The CSS property to change the border of an element to RGB 185, 224, 127 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(185, 224, 127) }
```

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

```
.border{ border-color:rgb(185, 224, 127) }
```

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

Here you see how a box with a 4 pixel rgb(185, 224, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 224, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 224, 127);  
box-shadow:4px 4px 4px 4px rgb(185, 224,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 185, 224, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 224, 127) }
```

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

```
.background{ background-color: rgb(185,  
224, 127) }
```

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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