

Converting Colors

RGB(185, 224, 122)

Have a look what the booklet for
RGB(185, 224, 122) contains.

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Color

RGB(185, 224, 122)

Conversions

Conversions Part 1

Format	Color
Hex	B9E07A
RGB	185, 224, 122
RGB Percent	73%, 88%, 48%
CMY	0.2745, 0.1216, 0.5216
CMYK	0.17, 0.00, 0.46, 0.12
HSL	83°, 62%, 68%
HSV	83°, 46%, 88%
XYZ	50.1761, 65.0307, 28.3200
YIQ	200.7110, 9.4980, -39.9900

Conversions

Conversions Part 2

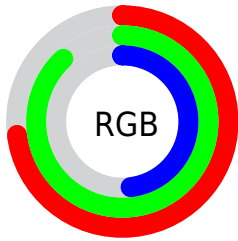
Format	Color
RYB	122, 224, 161
Decimal	12181626
CIELab	84.50, -29.09, 45.61
CIELCh	84, 54.095, 122.528
Yxy	65.0307, 0.3496, 0.4531
Android (android.graphics.Color)	4290371706 (0xFFB9E07A)
YUV	200.7110, -38.8045, -13.7785
Hunter-Lab	80.6416, -30.0583, 35.6275

Details

The RGB color **185, 224, 122** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **161, 122, 224**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **242, 255, 176**, and **130, 169, 70** is the 20% darker color. If you saturate the color by 10%, you get **176, 224, 100**, and if you desaturate by 10%, it is **194, 224, 144**.

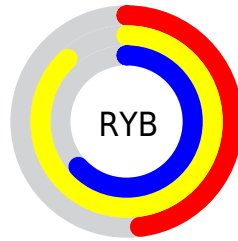
Distribution



Red (73%)

Green (88%)

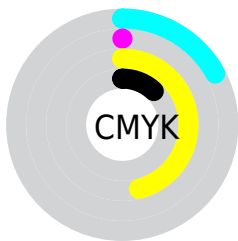
Blue (48%)



Red (48%)

Yellow (88%)

Blue (63%)

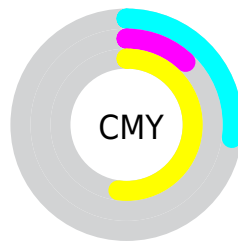


Cyan (17%)

Magenta (0%)

Yellow (46%)

Black (12%)



Cyan (27%)

Magenta (12%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 224, 122 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, 122 by changing the saturation by 10% instead.

 185, 224, 122

255, 255, 255


 242, 255, 176


 255, 255, 204

 255, 255, 233

 185, 224, 122

 157, 196, 96

 130, 169, 70

 103, 142, 45

 77, 116, 17

 51, 91, 0

 26, 68, 0

 0, 45, 0

 0, 24, 0


 0, 0, 0

 185, 224, 122

 185, 224, 122

 176, 224, 100


 194, 224, 144

 168, 224, 77


 202, 224, 167

 159, 224, 55

 211, 224, 189

 151, 224, 32

 219, 224, 212

 142, 224, 10

 228, 224, 234

 138, 224, 0

 236, 224, 255

 245, 224, 255

 254, 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.



238, 209, 106



185, 224, 122



120, 233, 162

Triad

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



185, 224, 122



0, 229, 255



255, 169, 209

Complementary

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



185, 224, 122



161, 122, 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, 178, 255



185, 224, 122



134, 215, 255

Square

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



185, 224, 122



0, 236, 255



221, 196, 255



255, 175, 159

Rectangle

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



185, 224, 122



53, 237, 196



221, 196, 255



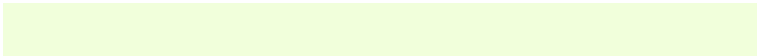
255, 170, 226

Sweetspot

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



185, 224, 122



241, 255, 219



224, 159, 122



119, 128, 106



0, 0, 0



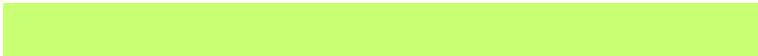
128, 128, 128

Same Dimension

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



185, 224, 122



201, 255, 115



136, 224, 122



108, 112, 101



109, 176, 0



30, 48, 0

Inverse Universe

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



161, 122, 224



168, 115, 255



210, 122, 224



105, 101, 112



67, 0, 176



19, 0, 48

Previews

White Background



This preview shows how the RGB color 185, 224, 122 looks on a white background.

Color Contrast Check

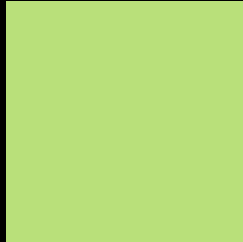
Large Text (above 18pt) WCAG AA × Fail

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, 122 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, 122 Background



This preview shows how black text looks on a background with the RGB color 185, 224, 122.

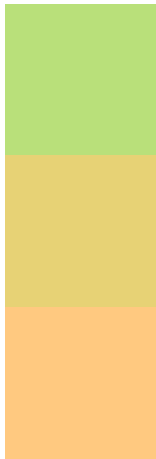


This preview shows how white text looks on a background with the RGB color 185, 224, 122.

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
185, 224, 122

Protanopia
231, 210, 117

Deuteranopia
255, 201, 128



Tritanopia
199, 212, 229

Trichromacy



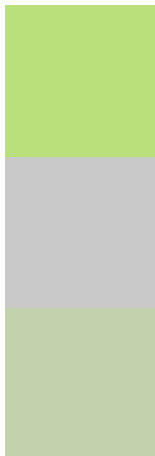
Original Color
185, 224, 122

Protanomaly
214, 215, 119

Deuteranomaly
230, 209, 126

Tritanomaly
194, 216, 190

Monochromacy



Original Color
185, 224, 122

Achromatopsia
201, 201, 201

Achromatomaly
195, 209, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 224, 122 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(185, 224, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 224, 122) }
```

Border

The CSS property to change the border of an element to RGB 185, 224, 122 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, 122) }
```

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

```
.border{ border-color:rgb(185, 224, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 224, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 224, 122);  
box-shadow:4px 4px 4px 4px rgb(185, 224,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 185, 224, 122 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, 122) }
```

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

```
.background{ background-color: rgb(185,  
224, 122) }
```

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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