

Converting Colors

RGB(185, 249, 162)

Have a look what the booklet for
RGB(185, 249, 162) contains.

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Color

RGB(185, 249, 162)

Conversions

Conversions Part 1

Format	Color
Hex	B9F9A2
RGB	185, 249, 162
RGB Percent	73%, 98%, 64%
CMY	0.2745, 0.0235, 0.3647
CMYK	0.26, 0.00, 0.35, 0.02
HSL	104°, 88%, 81%
HSV	104°, 35%, 98%
XYZ	60.4049, 80.6743, 46.5704
YIQ	219.9460, -10.2170, -40.6250

Conversions

Conversions Part 2

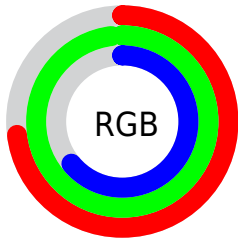
Format	Color
RYB	162, 249, 226
Decimal	12188066
CIELab	91.99, -35.58, 35.50
CIELCh	92, 50.257, 135.067
Yxy	80.6743, 0.3219, 0.4299
Android (android.graphics.Color)	4290378146 (0xFFB9F9A2)
YUV	219.9460, -28.5674, -30.6476
Hunter-Lab	89.8189, -37.1385, 32.1318

Details

The RGB color **185, 249, 162** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **226, 162, 249**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **242, 255, 218**, and **130, 192, 109** is the 20% darker color. If you saturate the color by 10%, you get **167, 249, 137**, and if you desaturate by 10%, it is **203, 249, 187**.

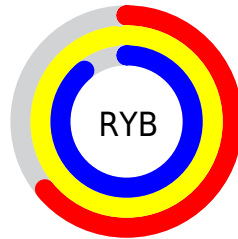
Distribution



Red (73%)

Green (98%)

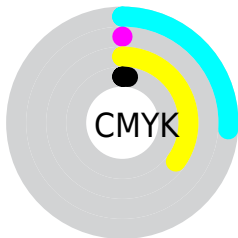
Blue (64%)



Red (64%)

Yellow (98%)

Blue (89%)

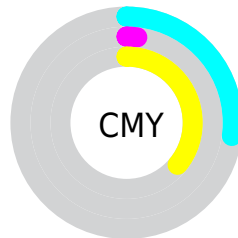


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (2%)



Cyan (27%)

Magenta (2%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 249, 162 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, 249, 162 by changing the saturation by 10% instead.

 185, 249, 162


255, 255, 255


 242, 255, 218

 255, 255, 246


 185, 249, 162

 157, 220, 135

 130, 192, 109


 103, 165, 84

 77, 138, 60

 51, 112, 36

 22, 87, 9

 0, 63, 0

 0, 41, 0

 0, 13, 0

■ 185, 249, 162

■ 185, 249, 162

■ 167, 249, 137

■ 203, 249, 187

■ 148, 249, 112

■ 222, 249, 212

■ 130, 249, 87

■ 240, 249, 237

■ 112, 249, 62

■ 255, 249, 255

■ 93, 249, 37

■ 75, 249, 13

■ 66, 249, 0

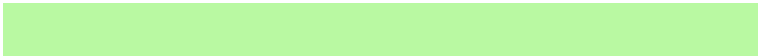
Harmonies

Analogous

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



239, 237, 137



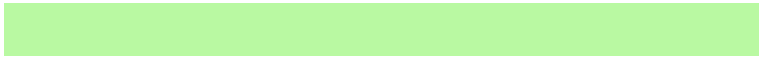
185, 249, 162



121, 255, 206

Triad

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



185, 249, 162



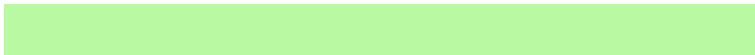
113, 244, 255



255, 194, 209

Complementary

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



185, 249, 162



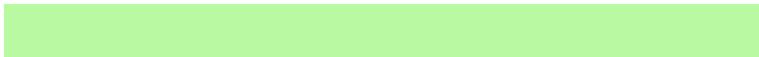
226, 162, 249

Split Complementary

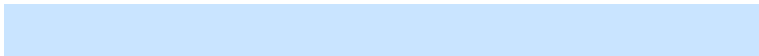
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 197, 255



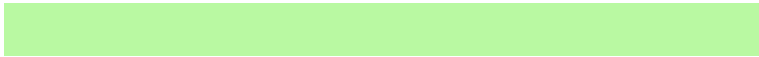
185, 249, 162



201, 228, 255

Square

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



185, 249, 162



0, 254, 255



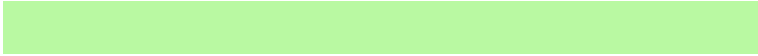
255, 211, 255



255, 204, 166

Rectangle

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



185, 249, 162



67, 255, 239



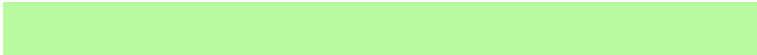
255, 211, 255



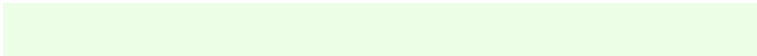
255, 194, 226

Sweetspot

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



185, 249, 162



236, 255, 230



249, 226, 162



116, 128, 112



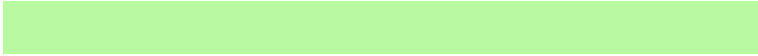
0, 0, 0



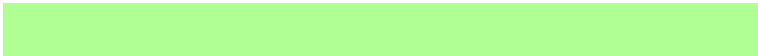
128, 128, 128

Same Dimension

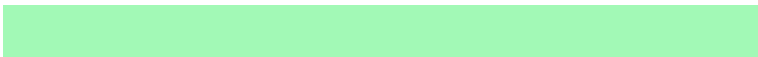
The Same Dimension uses a secret algorithm to generate beautiful new colors.



185, 249, 162



176, 255, 148



162, 249, 182



116, 125, 112



50, 189, 0



16, 61, 0

Inverse Universe

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



226, 162, 249



227, 148, 255



249, 162, 229



122, 112, 125



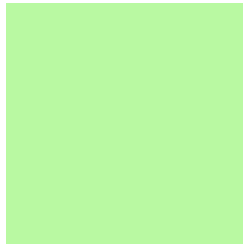
139, 0, 189



45, 0, 61

Previews

White Background



This preview shows how the RGB color 185, 249, 162 looks on a white background.

Color Contrast Check

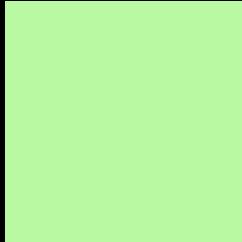
Large Text (above 18pt) WCAG AA × Fail

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, 249, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

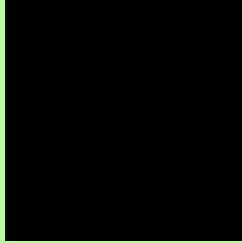
Any Text WCAG AA ✓ Pass

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, 249, 162 Background



This preview shows how black text looks on a background with the RGB color 185, 249, 162.

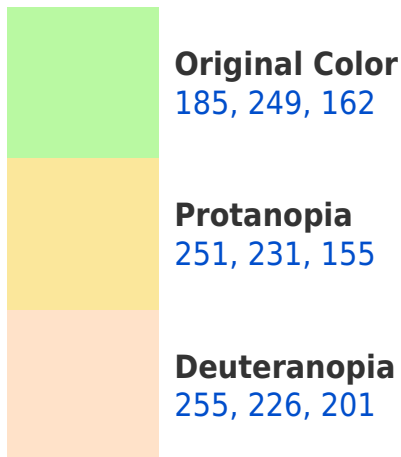


This preview shows how white text looks on a background with the RGB color 185, 249, 162.

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
202, 237, 255

Trichromacy



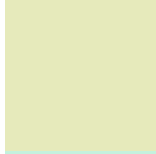
Original Color

185, 249, 162



Protanomaly

227, 238, 158



Deuteranomaly

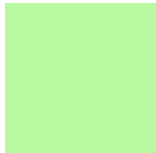
230, 234, 187



Tritanomaly

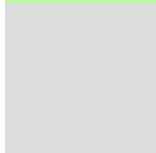
196, 241, 221

Monochromacy



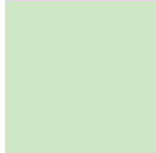
Original Color

185, 249, 162



Achromatopsia

220, 220, 220



Achromatomaly

207, 231, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 249, 162 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, 249, 162)` looks like.

```
.text, #text, p{  
    color:rgb(185, 249, 162)  
}
```

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, 249, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 249, 162) }
```

Border

The CSS property to change the border of an element to RGB 185, 249, 162 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, 249, 162) }
```

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

```
.border{ border-color:rgb(185, 249, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 249, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 249, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 249, 162);  
box-shadow:4px 4px 4px 4px rgb(185, 249,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 185, 249, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 249, 162) }
```

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

```
.background{ background-color: rgb(185,  
249, 162) }
```

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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