

Converting Colors

RGB(185, 249, 193)

Have a look what the booklet for
RGB(185, 249, 193) contains.

RGB(185, 249, 193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(185, 249, 193)

Conversions

Conversions Part 1

Format	Color
Hex	B9F9C1
RGB	185, 249, 193
RGB Percent	73%, 98%, 76%
CMY	0.2745, 0.0235, 0.2431
CMYK	0.26, 0.00, 0.22, 0.02
HSL	128°, 84%, 85%
HSV	128°, 26%, 98%
XYZ	63.5089, 81.9159, 62.9162
YIQ	223.4800, -20.1680, -30.9840

Conversions

Conversions Part 2

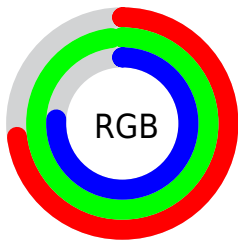
Format	Color
RYB	185, 242, 249
Decimal	12188097
CIELab	92.54, -30.71, 20.55
CIElCh	93, 36.955, 146.213
Yxy	81.9159, 0.3048, 0.3932
Android (android.graphics.Color)	4290378177 (0xFFB9F9C1)
YUV	223.4800, -15.0266, -33.7470
Hunter-Lab	90.5074, -33.1348, 22.1398

Details

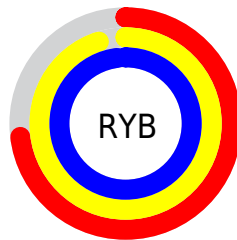
The RGB color **185, 249, 193** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 185, 241**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **242, 255, 250**, and **130, 192, 139** is the 20% darker color. If you saturate the color by 10%, you get **160, 249, 171**, and if you desaturate by 10%, it is **210, 249, 215**.

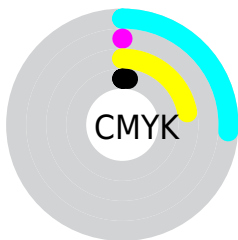
Distribution



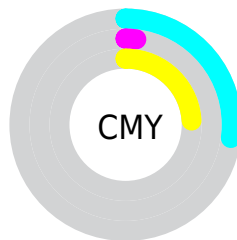
- Red (73%)
- Green (98%)
- Blue (76%)



- Red (73%)
- Yellow (95%)
- Blue (98%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (27%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 249, 193 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, 193 by changing the saturation by 10% instead.


 185, 249, 193

255, 255, 255


 242, 255, 250

 185, 249, 193

 157, 220, 166

 130, 192, 139

 104, 165, 114

 78, 138, 89

 53, 113, 65

 26, 88, 43

 0, 64, 21

 0, 41, 0

 0, 16, 0

 185, 249, 193

 185, 249, 193

 160, 249, 171

 210, 249, 215

 135, 249, 149

 235, 249, 237

 110, 249, 128

 255, 249, 255

 85, 249, 106

 61, 249, 84

 36, 249, 62

 11, 249, 40

 0, 249, 31

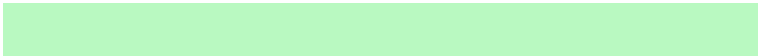
Harmonies

Analogous

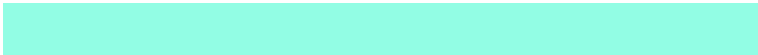
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226, 241, 169



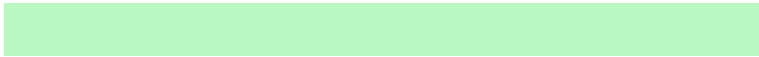
185, 249, 193



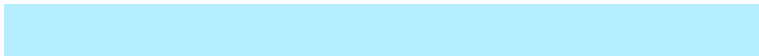
146, 253, 228

Triad

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



185, 249, 193



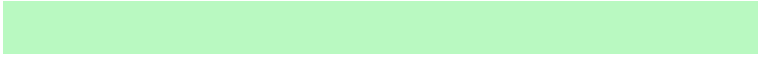
181, 238, 255



255, 209, 204

Complementary

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



185, 249, 193



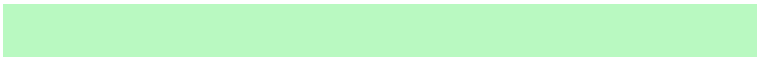
249, 185, 241

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, 208, 240



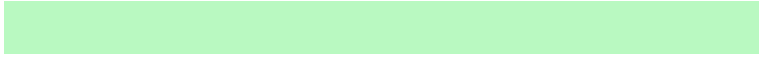
185, 249, 193



233, 226, 255

Square

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



185, 249, 193



135, 248, 255



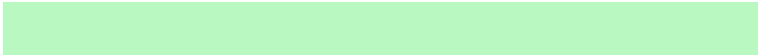
255, 214, 255



255, 218, 176

Rectangle

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



185, 249, 193



126, 253, 252



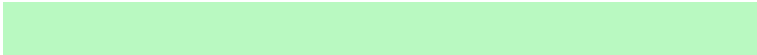
255, 214, 255



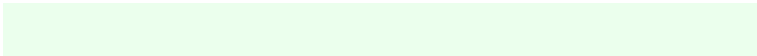
255, 208, 215

Sweetspot

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



185, 249, 193



235, 255, 237



242, 249, 185



115, 128, 116



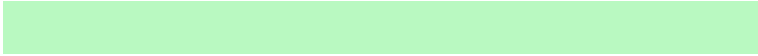
0, 0, 0



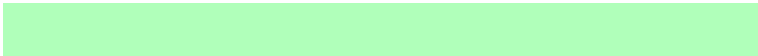
128, 128, 128

Same Dimension

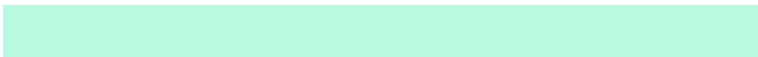
The Same Dimension uses a secret algorithm to generate beautiful new colors.



185, 249, 193



176, 255, 186



185, 249, 224



112, 125, 114



0, 189, 24



0, 61, 8

Inverse Universe

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



249, 185, 241



255, 176, 245



249, 185, 210



125, 112, 123



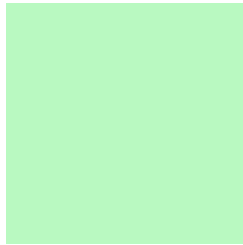
189, 0, 165



61, 0, 54

Previews

White Background



This preview shows how the RGB color 185, 249, 193 looks on a white background.

Color Contrast Check

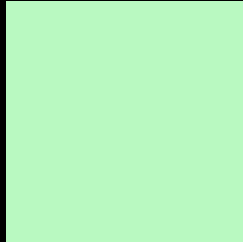
Large Text (above 18pt) WCAG AA × Fail

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, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

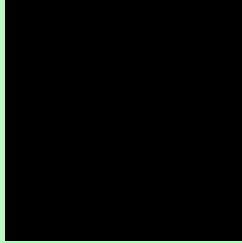
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

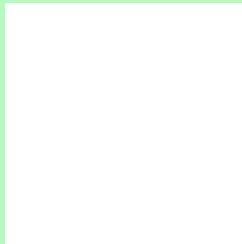
Any Text WCAG AAA ✓ Pass

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

RGB 185, 249, 193 Background



This preview shows how black text looks on a background with the RGB color 185, 249, 193.



This preview shows how white text looks on a background with the RGB color 185, 249, 193.

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





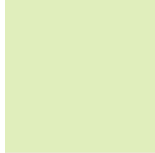
Tritanopia
204, 239, 255

Trichromacy



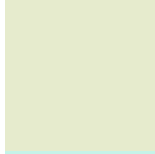
Original Color

185, 249, 193



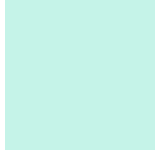
Protanomaly

224, 238, 188



Deuteranomaly

230, 235, 205



Tritanomaly

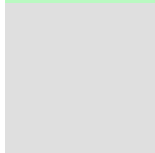
197, 243, 232

Monochromacy



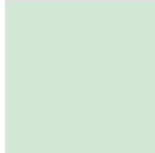
Original Color

185, 249, 193



Achromatopsia

223, 223, 223



Achromatomaly

209, 232, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 249, 193 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(185, 249, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 249, 193) }
```

Border

The CSS property to change the border of an element to RGB 185, 249, 193 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, 193) }
```

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

```
.border{ border-color:rgb(185, 249, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 249, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 249, 193);  
box-shadow:4px 4px 4px 4px rgb(185, 249,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 185, 249, 193 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, 193) }
```

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

```
.background{ background-color: rgb(185,  
249, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor