

Converting Colors

RGB(185, 255, 215)

Have a look what the booklet for
RGB(185, 255, 215) contains.

RGB(185, 255, 215)	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, 255, 215)

Conversions

Conversions Part 1

Format	Color
Hex	B9FFD7
RGB	185, 255, 215
RGB Percent	73%, 100%, 84%
CMY	0.2745, 0.0000, 0.1569
CMYK	0.27, 0.00, 0.16, 0.00
HSL	146°, 100%, 86%
HSV	146°, 27%, 100%
XYZ	68.0333, 86.7406, 77.4469
YIQ	229.5100, -28.8800, -27.2800

Conversions

Conversions Part 2

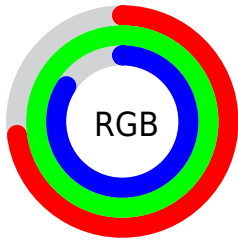
Format	Color
RYB	185, 234, 255
Decimal	12189655
CIELab	94.63, -29.58, 12.21
CIElCh	95, 32.001, 157.574
Yxy	86.7406, 0.2930, 0.3735
Android (android.graphics.Color)	4290379735 (0xFFB9FFD7)
YUV	229.5100, -7.1534, -39.0353
Hunter-Lab	93.1346, -32.5943, 15.8912

Details

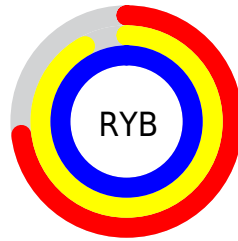
The RGB color **185, 255, 215** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 185, 225**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **242, 255, 255**, and **130, 198, 160** is the 20% darker color. If you saturate the color by 10%, you get **160, 255, 200**, and if you desaturate by 10%, it is **211, 255, 230**.

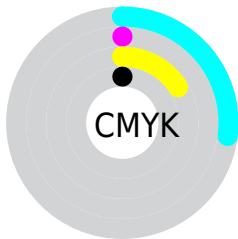
Distribution



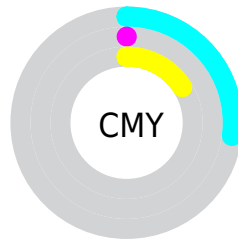
- Red (73%)
- Green (100%)
- Blue (84%)



- Red (73%)
- Yellow (92%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 255, 215 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, 255, 215 by changing the saturation by 10% instead.


 185, 255, 215


255, 255, 255


 242, 255, 255

 185, 255, 215

 157, 226, 187

 130, 198, 160

 104, 171, 134


 78, 144, 109

 52, 118, 84

 24, 93, 61

 0, 69, 39

 0, 46, 19

 0, 25, 0

■ 185, 255, 215

■ 185, 255, 215

■ 160, 255, 200

■ 211, 255, 230

■ 134, 255, 186

■ 236, 255, 244

■ 108, 255, 171

255, 255, 255

■ 83, 255, 157

■ 57, 255, 142

■ 32, 255, 128

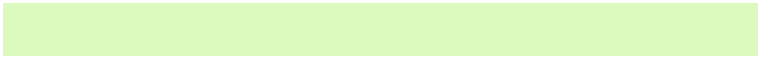
■ 7, 255, 113

■ 0, 255, 109

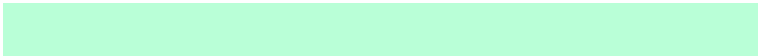
Harmonies

Analogous

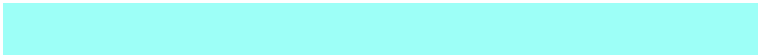
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 249, 190



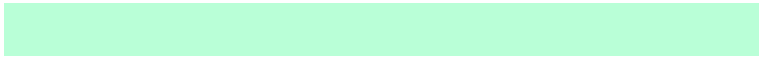
185, 255, 215



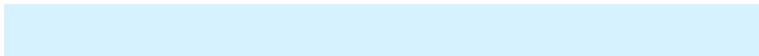
157, 255, 247

Triad

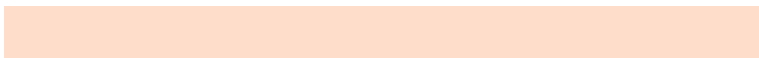
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



185, 255, 215



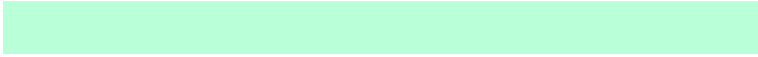
213, 240, 255



255, 221, 203

Complementary

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



185, 255, 215



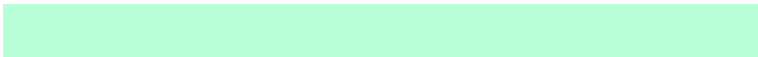
255, 185, 225

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, 217, 233



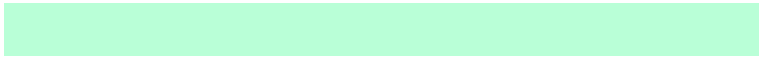
185, 255, 215



254, 229, 255

Square

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



185, 255, 215



172, 249, 255



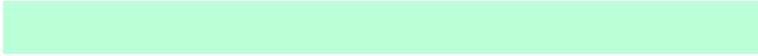
255, 220, 255



255, 230, 183

Rectangle

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



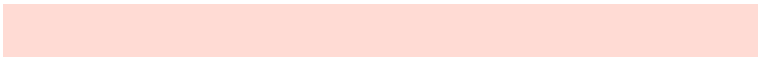
185, 255, 215



149, 255, 255



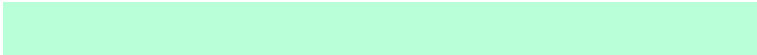
255, 220, 255



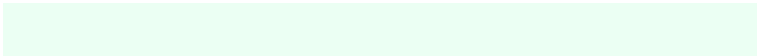
255, 219, 212

Sweetspot

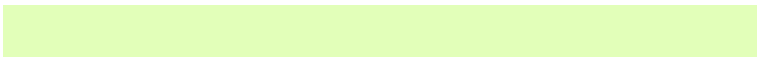
The Sweet Spot groups the original color and five complimentary colors.



185, 255, 215



235, 255, 243



226, 255, 185



115, 128, 120



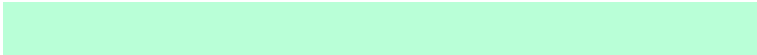
0, 0, 0



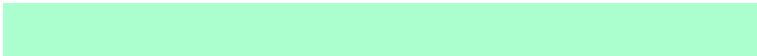
128, 128, 128

Same Dimension

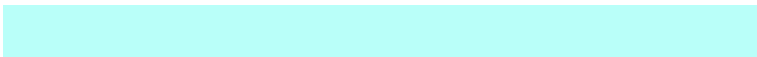
The Same Dimension uses a secret algorithm to generate beautiful new colors.



185, 255, 215



171, 255, 207



185, 255, 249



115, 128, 120



0, 191, 82



0, 64, 27

Inverse Universe

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



255, 185, 225



255, 171, 219



255, 185, 191



128, 115, 122



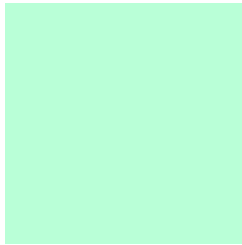
191, 0, 109



64, 0, 36

Previews

White Background



This preview shows how the RGB color 185, 255, 215 looks on a white background.

Color Contrast Check

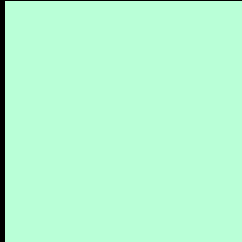
Large Text (above 18pt) WCAG AA × Fail

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, 255, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

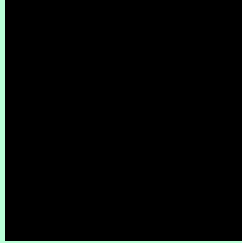
Any Text WCAG AA ✓ Pass

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, 255, 215 Background



This preview shows how black text looks on a background with the RGB color 185, 255, 215.



This preview shows how white text looks on a background with the RGB color 185, 255, 215.

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

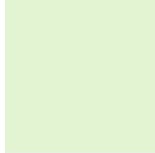
216, 244, 255

Trichromacy



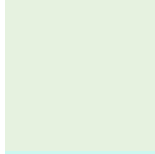
Original Color

185, 255, 215



Protanomaly

226, 244, 209



Deuteranomaly

230, 242, 224



Tritanomaly

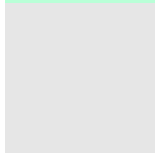
205, 248, 240

Monochromacy



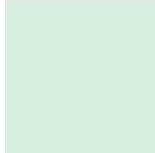
Original Color

185, 255, 215



Achromatopsia

230, 230, 230



Achromatomaly

214, 239, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 255, 215 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, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 215)  
}
```

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, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 215) }
```

Border

The CSS property to change the border of an element to RGB 185, 255, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

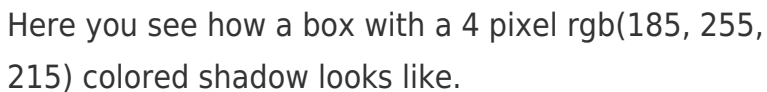
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 255, 215) }
```

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

```
.border{ border-color:rgb(185, 255, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 185, 255, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 215) }
```

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

```
.background{ background-color: rgb(185,  
255, 215) }
```

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