

Converting Colors

RGB(186, 255, 209)

Have a look what the booklet for
RGB(186, 255, 209) contains.

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Color

RGB(186, 255, 209)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFD1
RGB	186, 255, 209
RGB Percent	73%, 100%, 82%
CMY	0.2706, 0.0000, 0.1804
CMYK	0.27, 0.00, 0.18, 0.00
HSL	140°, 100%, 86%
HSV	140°, 27%, 100%
XYZ	67.5183, 86.5626, 73.4713
YIQ	229.1250, -26.3580, -28.9340

Conversions

Conversions Part 2

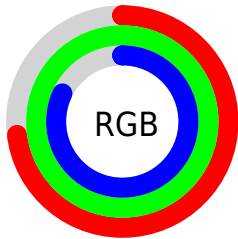
Format	Color
RYB	186, 238, 255
Decimal	12255185
CIELab	94.55, -30.39, 15.19
CIELCh	95, 33.969, 153.445
Yxy	86.5626, 0.2967, 0.3804
Android (android.graphics.Color)	4290445265 (0xFFBAFFD1)
YUV	229.1250, -9.9216, -37.8206
Hunter-Lab	93.0390, -33.2809, 18.3070

Details

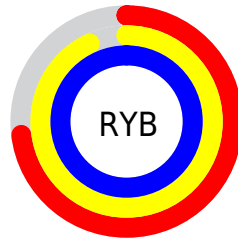
The RGB color **186, 255, 209** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 186, 232**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **243, 255, 255**, and **131, 198, 155** is the 20% darker color. If you saturate the color by 10%, you get **161, 255, 192**, and if you desaturate by 10%, it is **211, 255, 226**.

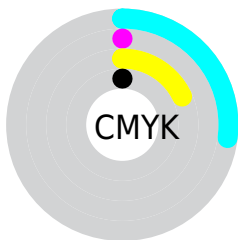
Distribution



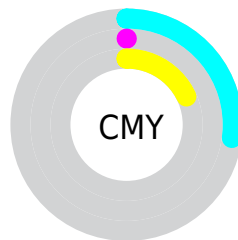
- Red (73%)
- Green (100%)
- Blue (82%)



- Red (73%)
- Yellow (93%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 255, 209 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 186, 255, 209 by changing the saturation by 10% instead.

 186, 255, 209

255, 255, 255


 243, 255, 255

 186, 255, 209

 158, 226, 181

 131, 198, 155

 105, 170, 128


 79, 144, 103

 53, 118, 79

 25, 93, 56

 0, 69, 34

 0, 46, 13

 0, 25, 0

■ 186, 255, 209

■ 186, 255, 209

■ 161, 255, 192

■ 211, 255, 226

■ 135, 255, 175

■ 237, 255, 243

■ 109, 255, 158

255, 255, 255

■ 84, 255, 141

■ 58, 255, 124

■ 33, 255, 107

■ 8, 255, 90

■ 0, 255, 85

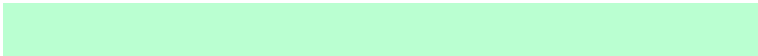
Harmonies

Analogous

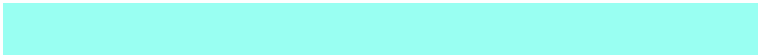
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224, 248, 184



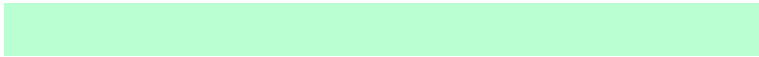
186, 255, 209



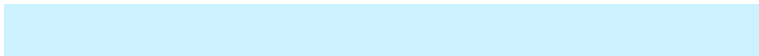
153, 255, 242

Triad

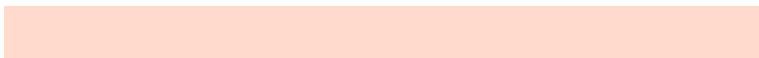
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



186, 255, 209



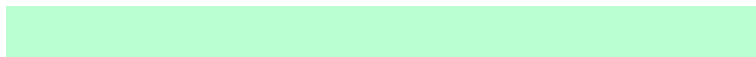
204, 241, 255



255, 218, 205

Complementary

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



186, 255, 209



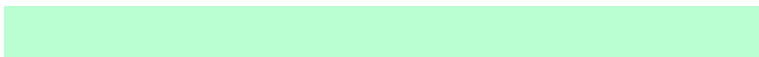
255, 186, 232

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, 215, 237



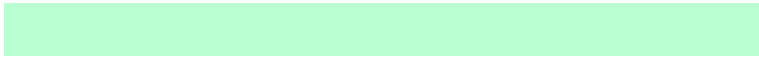
186, 255, 209



249, 230, 255

Square

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



186, 255, 209



161, 251, 255



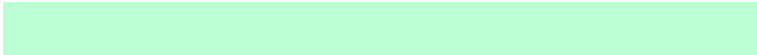
255, 220, 255



255, 227, 182

Rectangle

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



186, 255, 209



142, 255, 255



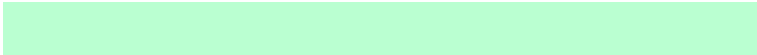
255, 220, 255



255, 217, 215

Sweetspot

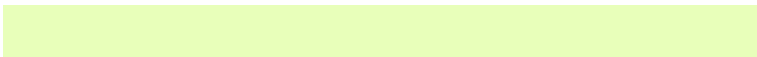
The Sweet Spot groups the original color and five complimentary colors.



186, 255, 209



235, 255, 241



232, 255, 186



115, 128, 119



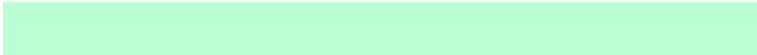
0, 0, 0



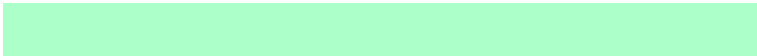
128, 128, 128

Same Dimension

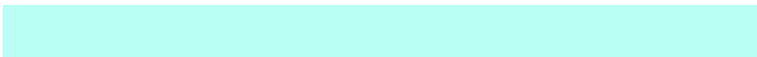
The Same Dimension uses a secret algorithm to generate beautiful new colors.



186, 255, 209



173, 255, 201



186, 255, 243



115, 128, 119



0, 191, 64



0, 64, 21

Inverse Universe

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



255, 186, 232



255, 173, 228



255, 186, 198



128, 115, 123



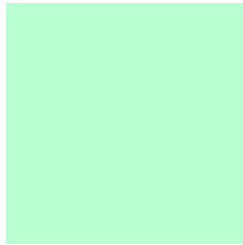
191, 0, 128



64, 0, 43

Previews

White Background



This preview shows how the RGB color 186, 255, 209 looks on a white background.

Color Contrast Check

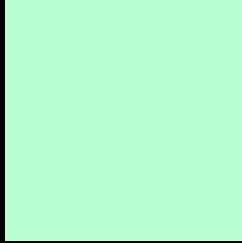
Large Text (above 18pt) WCAG AA × Fail

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 186, 255, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

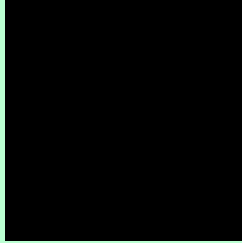
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

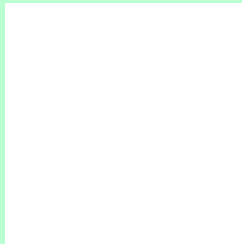
Any Text WCAG AAA ✓ Pass

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

RGB 186, 255, 209 Background



This preview shows how black text looks on a background with the RGB color 186, 255, 209.



This preview shows how white text looks on a background with the RGB color 186, 255, 209.

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

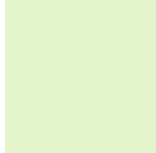
216, 243, 255

Trichromacy



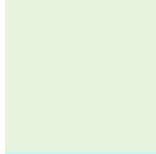
Original Color

186, 255, 209



Protanomaly

227, 244, 203



Deuteranomaly

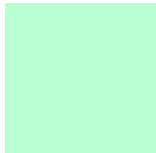
230, 242, 220



Tritanomaly

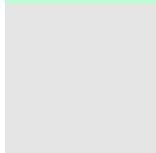
205, 247, 238

Monochromacy



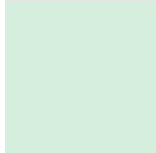
Original Color

186, 255, 209



Achromatopsia

229, 229, 229



Achromatomaly

213, 238, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 255, 209 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(186, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 209)  
}
```

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(186, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 209) }
```

Border

The CSS property to change the border of an element to RGB 186, 255, 209 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(186, 255, 209) }
```

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

```
.border{ border-color:rgb(186, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 186, 255, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 209) }
```

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

```
.background{ background-color: rgb(186,  
255, 209) }
```

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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