

Converting Colors

RGB(186, 255, 249)

Have a look what the booklet for
RGB(186, 255, 249) contains.

RGB(186, 255, 249)	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(186, 255, 249)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFF9
RGB	186, 255, 249
RGB Percent	73%, 100%, 98%
CMY	0.2706, 0.0000, 0.0235
CMYK	0.27, 0.00, 0.02, 0.00
HSL	175°, 100%, 86%
HSV	175°, 27%, 100%
XYZ	73.1086, 88.7987, 102.9092
YIQ	233.6850, -39.1980, -16.4940

Conversions

Conversions Part 2

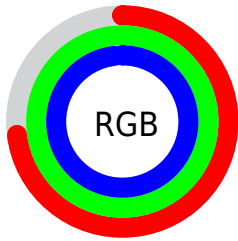
Format	Color
RYB	186, 222, 255
Decimal	12255225
CIELab	95.50, -22.47, -4.04
CIELCh	95, 22.826, 190.190
Yxy	88.7987, 0.2761, 0.3353
Android (android.graphics.Color)	4290445305 (0xFFBAFFF9)
YUV	233.6850, 7.5503, -41.8197
Hunter-Lab	94.2330, -26.4226, 1.2142

Details

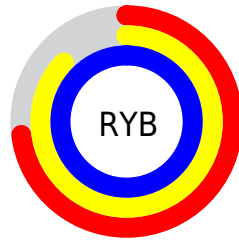
The RGB color **186, 255, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 186, 192**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **244, 255, 255**, and **131, 198, 193** is the 20% darker color. If you saturate the color by 10%, you get **161, 255, 247**, and if you desaturate by 10%, it is **211, 255, 251**.

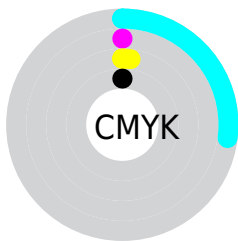
Distribution



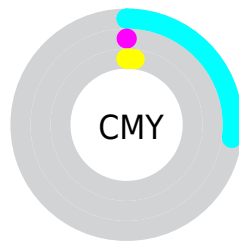
- Red (73%)
- Green (100%)
- Blue (98%)



- Red (73%)
- Yellow (87%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 255, 249 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, 249 by changing the saturation by 10% instead.


 186, 255, 249


255, 255, 255


 244, 255, 255


 186, 255, 249

 158, 226, 220

 131, 198, 193

 104, 171, 166

 77, 144, 139

 50, 118, 114

 20, 93, 89

 0, 69, 66

 0, 47, 44

 0, 28, 23

■ 186, 255, 249

■ 186, 255, 249

■ 161, 255, 247

■ 211, 255, 251

■ 135, 255, 245

■ 237, 255, 253

■ 109, 255, 242

255, 255, 255

■ 84, 255, 240

■ 58, 255, 238

■ 33, 255, 236

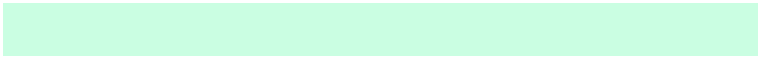
■ 8, 255, 233

■ 0, 255, 233

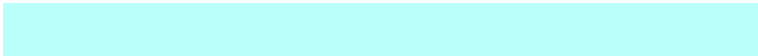
Harmonies

Analogous

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



202, 254, 226



186, 255, 249



184, 253, 255

Triad

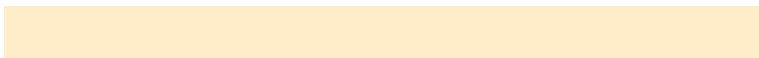
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



186, 255, 249



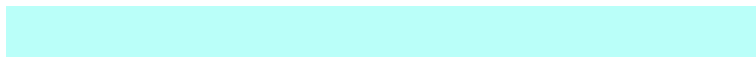
255, 234, 255



255, 236, 201

Complementary

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



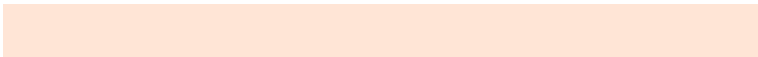
186, 255, 249



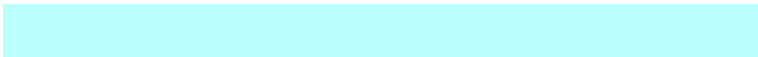
255, 186, 192

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, 229, 214



186, 255, 249



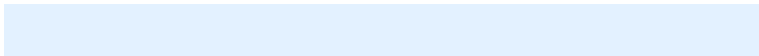
255, 228, 255

Square

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



186, 255, 249



227, 241, 255



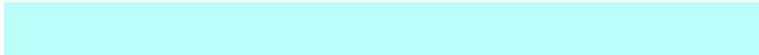
255, 227, 235



252, 243, 199

Rectangle

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



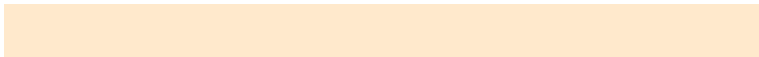
186, 255, 249



193, 250, 255



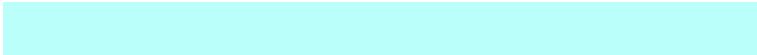
255, 227, 235



255, 233, 204

Sweetspot

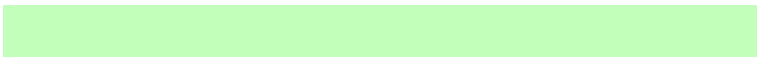
The Sweet Spot groups the original color and five complimentary colors.



186, 255, 249



235, 255, 253



193, 255, 186



115, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

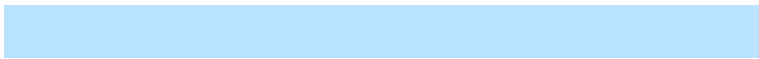
The Same Dimension uses a secret algorithm to generate beautiful new colors.



186, 255, 249



173, 255, 248



186, 227, 255



115, 128, 126



0, 191, 175



0, 64, 58

Inverse Universe

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



255, 186, 192



255, 173, 180



255, 214, 186



128, 115, 116



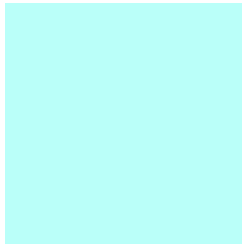
191, 0, 17



64, 0, 6

Previews

White Background



This preview shows how the RGB color 186, 255, 249 looks on a white background.

Color Contrast Check

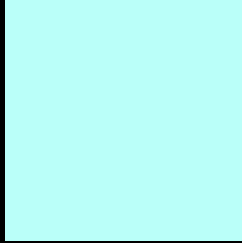
Large Text (above 18pt) WCAG AA × Fail

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, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

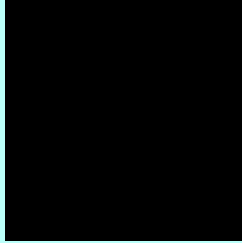
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

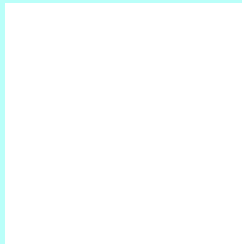
Any Text WCAG AAA ✓ Pass

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

RGB 186, 255, 249 Background



This preview shows how black text looks on a background with the RGB color 186, 255, 249.



This preview shows how white text looks on a background with the RGB color 186, 255, 249.

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

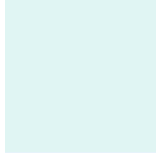
221, 246, 255

Trichromacy



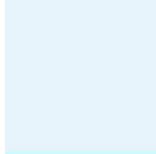
Original Color

186, 255, 249



Protanomaly

224, 245, 243



Deuteranomaly

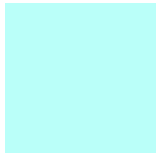
230, 243, 250



Tritanomaly

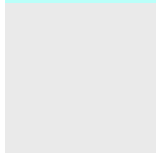
208, 249, 253

Monochromacy



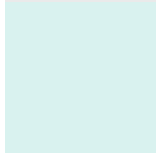
Original Color

186, 255, 249



Achromatopsia

234, 234, 234



Achromatomaly

217, 242, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 255, 249 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 249) }
```

Border

The CSS property to change the border of an element to RGB 186, 255, 249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

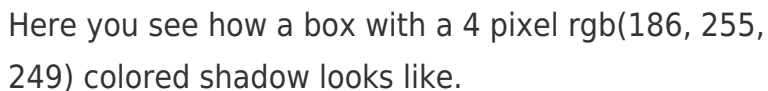
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 255, 249) }
```

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

```
.border{ border-color:rgb(186, 255, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 255, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 255, 249); box-shadow:4px 4px 4px 4px rgb(186, 255, 249) }
```

Background

The CSS property to change the background color of an element to RGB 186, 255, 249 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, 249) }
```

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

```
.background{ background-color: rgb(186,  
255, 249) }
```

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