

Converting Colors

RGB(186, 239, 245)

Have a look what the booklet for
RGB(186, 239, 245) contains.

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Color

RGB(186, 239, 245)

Conversions

Conversions Part 1

Format	Color
Hex	BAEFF5
RGB	186, 239, 245
RGB Percent	73%, 94%, 96%
CMY	0.2706, 0.0627, 0.0392
CMYK	0.24, 0.02, 0.00, 0.04
HSL	186°, 75%, 85%
HSV	186°, 24%, 96%
XYZ	67.5976, 78.7647, 98.0265
YIQ	223.8370, -33.5140, -9.3700

Conversions

Conversions Part 2

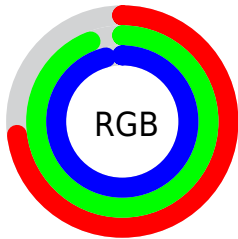
Format	Color
R _Y B	186, 214, 245
Decimal	12251125
CIE Lab	91.13, -15.45, -8.42
CIE LCh	91, 17.593, 208.578
Yxy	78.7647, 0.2766, 0.3223
Android (android.graphics.Color)	4290441205 (0xFFBAEFF5)
YUV	223.8370, 10.4334, -33.1830
Hunter-Lab	88.7495, -19.3538, -3.3630

Details

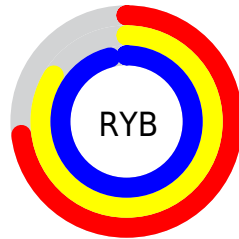
The RGB color **186, 239, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 192, 186**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **243, 255, 255**, and **131, 183, 189** is the 20% darker color. If you saturate the color by 10%, you get **162, 237, 245**, and if you desaturate by 10%, it is **211, 241, 245**.

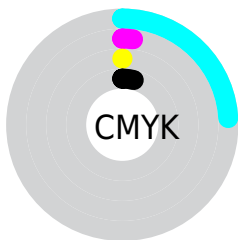
Distribution



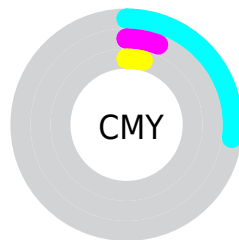
- Red (73%)
- Green (94%)
- Blue (96%)



- Red (73%)
- Yellow (84%)
- Blue (96%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 239, 245 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, 239, 245 by changing the saturation by 10% instead.


 186, 239, 245

255, 255, 255


 243, 255, 255


 186, 239, 245

 158, 211, 217

 131, 183, 189


 105, 156, 162

 79, 130, 136

 54, 105, 110

 27, 80, 86

 0, 57, 63

 0, 36, 41

 0, 9, 21

 186, 239, 245

 186, 239, 245

 162, 237, 245

 211, 241, 245

 137, 234, 245

 235, 244, 245

 113, 232, 245

 255, 246, 245

 88, 229, 245

 255, 249, 245

 63, 227, 245

 255, 251, 245

 39, 224, 245

 255, 254, 245

 14, 222, 245

 255, 255, 245

 0, 220, 245

Harmonies

Analogous

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



191, 239, 228



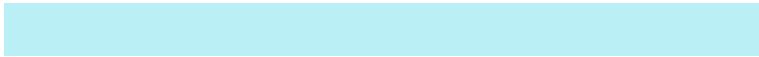
186, 239, 245



193, 236, 255

Triad

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



186, 239, 245



251, 221, 247



244, 228, 196

Complementary

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



186, 239, 245



245, 192, 186

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, 223, 201



186, 239, 245



255, 218, 231

Square

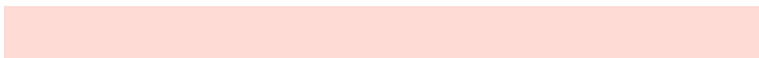
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186, 239, 245



232, 226, 255



255, 219, 214



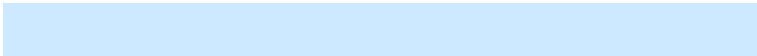
225, 233, 200

Rectangle

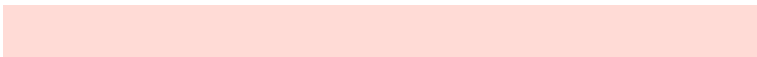
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



186, 239, 245



204, 233, 255



255, 219, 214



250, 226, 197

Sweetspot

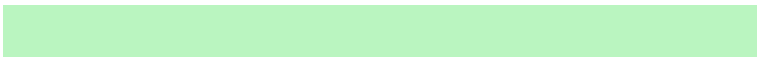
The Sweet Spot groups the original color and five complimentary colors.



186, 239, 245



237, 253, 255



186, 245, 192



117, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 239, 245



181, 247, 255



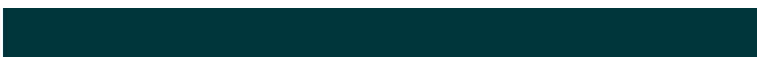
186, 210, 245



110, 121, 122



0, 167, 186



0, 53, 59

Inverse Universe

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



245, 186, 239



255, 181, 247



245, 221, 186



122, 110, 121



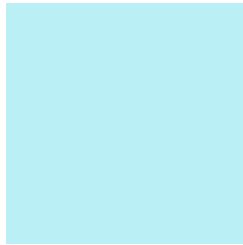
186, 0, 167



59, 0, 53

Previews

White Background



This preview shows how the RGB color 186, 239, 245 looks on a white background.

Color Contrast Check

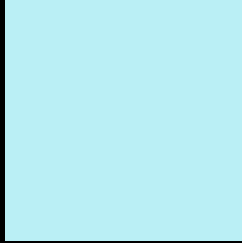
Large Text (above 18pt) WCAG AA × Fail

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, 239, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

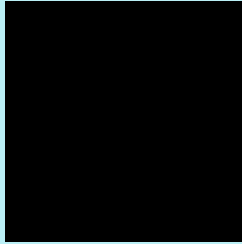
Any Text WCAG AA ✓ Pass

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, 239, 245 Background



This preview shows how black text looks on a background with the RGB color 186, 239, 245.



This preview shows how white text looks on a background with the RGB color 186, 239, 245.

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





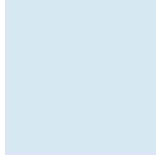
Tritanopia
191, 237, 255

Trichromacy



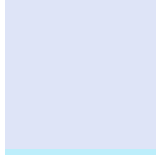
Original Color

186, 239, 245



Protanomaly

214, 232, 241



Deuteranomaly

222, 228, 247



Tritanomaly

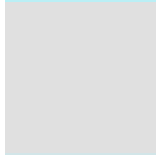
189, 238, 251

Monochromacy



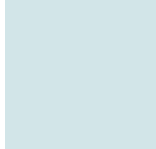
Original Color

186, 239, 245



Achromatopsia

224, 224, 224



Achromatomaly

210, 229, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 239, 245 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, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(186, 239, 245)  
}
```

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, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 239, 245) }
```

Border

The CSS property to change the border of an element to RGB 186, 239, 245 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, 239, 245) }
```

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

```
.border{ border-color:rgb(186, 239, 245) }
```

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

Here you see how a box with a 4 pixel rgb(186, 239, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 239, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 239, 245);  
box-shadow:4px 4px 4px 4px rgb(186, 239,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 186, 239, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 239, 245) }
```

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

```
.background{ background-color: rgb(186,  
239, 245) }
```

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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