

Converting Colors

RGB(186, 245, 247)

Have a look what the booklet for
RGB(186, 245, 247) contains.

RGB(186, 245, 247)	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, 245, 247)

Conversions

Conversions Part 1

Format	Color
Hex	BAF5F7
RGB	186, 245, 247
RGB Percent	73%, 96%, 97%
CMY	0.2706, 0.0392, 0.0314
CMYK	0.25, 0.01, 0.00, 0.03
HSL	182°, 79%, 85%
HSV	182°, 25%, 97%
XYZ	69.6906, 82.4593, 100.2388
YIQ	227.5870, -35.8060, -11.8860

Conversions

Conversions Part 2

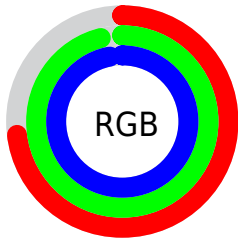
Format	Color
R _Y B	186, 216, 247
Decimal	12252663
CIE Lab	92.78, -18.00, -7.01
CIE LCh	93, 19.318, 201.289
Yxy	82.4593, 0.2761, 0.3267
Android (android.graphics.Color)	4290442743 (0xFFBAF5F7)
YUV	227.5870, 9.5706, -36.4718
Hunter-Lab	90.8071, -21.9213, -1.8832

Details

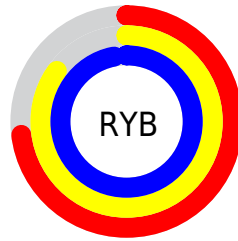
The RGB color **186, 245, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 188, 186**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **243, 255, 255**, and **131, 189, 191** is the 20% darker color. If you saturate the color by 10%, you get **161, 244, 247**, and if you desaturate by 10%, it is **211, 246, 247**.

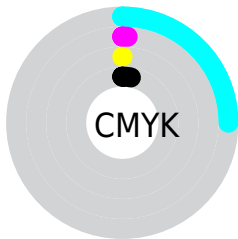
Distribution



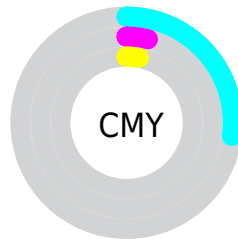
- Red (73%)
- Green (96%)
- Blue (97%)



- Red (73%)
- Yellow (85%)
- Blue (97%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (27%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 245, 247 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, 245, 247 by changing the saturation by 10% instead.


 186, 245, 247

255, 255, 255


 243, 255, 255


 186, 245, 247

 158, 216, 219

 131, 189, 191

 105, 162, 164


 78, 135, 137

 52, 110, 112

 25, 85, 88

 0, 62, 64

 0, 40, 42

 0, 18, 22

186, 245, 247

186, 245, 247

161, 244, 247

211, 246, 247

137, 243, 247

235, 247, 247

112, 243, 247

255, 247, 247

87, 242, 247

255, 248, 247

63, 241, 247

255, 249, 247

38, 240, 247

255, 250, 247

13, 239, 247

255, 251, 247

0, 239, 247

255, 251, 247

255, 252, 247

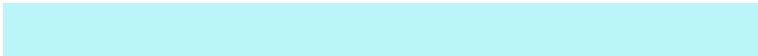
Harmonies

Analogous

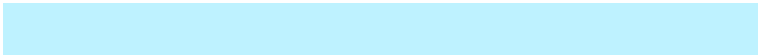
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195, 245, 228



186, 245, 247



190, 242, 255

Triad

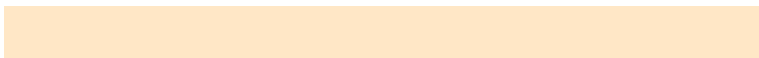
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



186, 245, 247



253, 225, 255



255, 231, 198

Complementary

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



186, 245, 247



247, 188, 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, 225, 206



186, 245, 247



255, 222, 240

Square

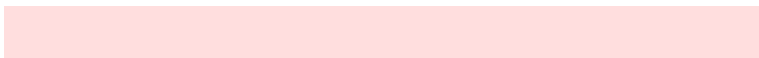
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186, 245, 247



231, 231, 255



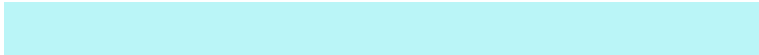
255, 222, 222



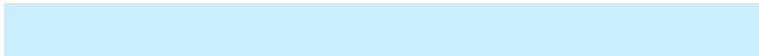
235, 237, 200

Rectangle

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



186, 245, 247



201, 239, 255



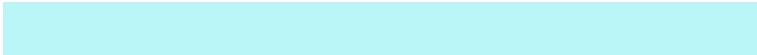
255, 222, 222



255, 229, 200

Sweetspot

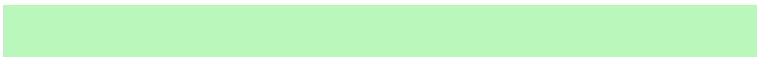
The Sweet Spot groups the original color and five complimentary colors.



186, 245, 247



237, 254, 255



186, 247, 187



117, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

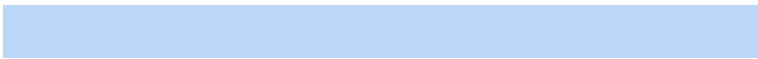
The Same Dimension uses a secret algorithm to generate beautiful new colors.



186, 245, 247



179, 252, 255



186, 215, 247



110, 122, 122



0, 180, 186



0, 57, 59

Inverse Universe

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



247, 186, 245



255, 179, 252



247, 218, 186



122, 110, 122



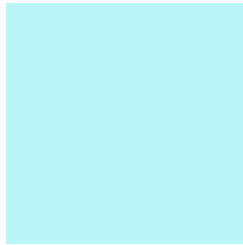
186, 0, 180



59, 0, 57

Previews

White Background



This preview shows how the RGB color 186, 245, 247 looks on a white background.

Color Contrast Check

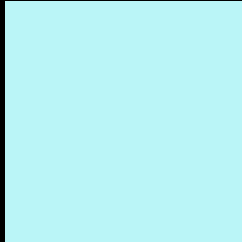
Large Text (above 18pt) WCAG AA × Fail

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, 245, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

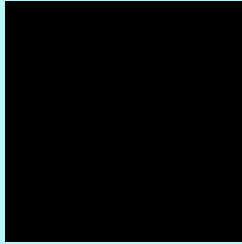
Any Text WCAG AA ✓ Pass

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, 245, 247 Background



This preview shows how black text looks on a background with the RGB color 186, 245, 247.



This preview shows how white text looks on a background with the RGB color 186, 245, 247.

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

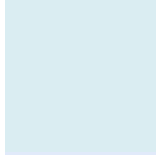
202, 240, 255

Trichromacy



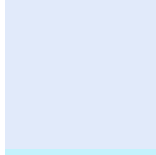
Original Color

186, 245, 247



Protanomaly

218, 237, 242



Deuteranomaly

225, 234, 250



Tritanomaly

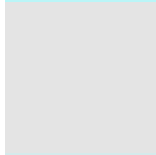
196, 242, 252

Monochromacy



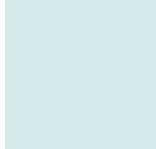
Original Color

186, 245, 247



Achromatopsia

228, 228, 228



Achromatomaly

213, 234, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 245, 247 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, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(186, 245, 247)  
}
```

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, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 245, 247) }
```

Border

The CSS property to change the border of an element to RGB 186, 245, 247 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, 245, 247) }
```

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

```
.border{ border-color:rgb(186, 245, 247) }
```

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

Here you see how a box with a 4 pixel rgb(186, 245, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(186, 245,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 186, 245, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 245, 247) }
```

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

```
.background{ background-color: rgb(186,  
245, 247) }
```

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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