

Converting Colors

RGB(186, 245, 231)

Have a look what the booklet for
RGB(186, 245, 231) contains.

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Color

RGB(186, 245, 231)

Conversions

Conversions Part 1

Format	Color
Hex	BAF5E7
RGB	186, 245, 231
RGB Percent	73%, 96%, 91%
CMY	0.2706, 0.0392, 0.0941
CMYK	0.24, 0.00, 0.06, 0.04
HSL	166°, 75%, 85%
HSV	166°, 24%, 96%
XYZ	67.3259, 81.5134, 87.7865
YIQ	225.7630, -30.6700, -16.8620

Conversions

Conversions Part 2

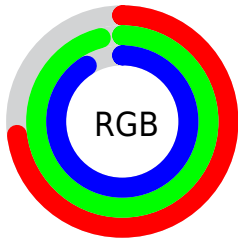
Format	Color
R _Y B	186, 219, 245
Decimal	12252647
CIE Lab	92.36, -21.36, 0.68
CIE LCh	92, 21.370, 178.172
Yxy	81.5134, 0.2845, 0.3445
Android (android.graphics.Color)	4290442727 (0xFFBAF5E7)
YUV	225.7630, 2.5818, -34.8722
Hunter-Lab	90.2848, -24.8899, 5.5500

Details

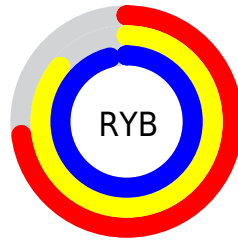
The RGB color **186, 245, 231** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 186, 200**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **243, 255, 255**, and **131, 189, 175** is the 20% darker color. If you saturate the color by 10%, you get **162, 245, 225**, and if you desaturate by 10%, it is **211, 245, 237**.

Distribution



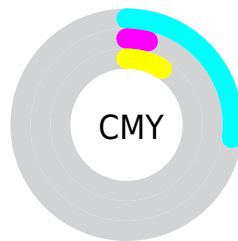
- Red (73%)
- Green (96%)
- Blue (91%)



- Red (73%)
- Yellow (86%)
- Blue (96%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (27%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 245, 231 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, 231 by changing the saturation by 10% instead.


 186, 245, 231

255, 255, 255


 243, 255, 255


 186, 245, 231

 158, 216, 203

 131, 189, 175


 105, 161, 149

 79, 135, 123

 54, 110, 98

 28, 85, 74

 0, 62, 52


 0, 39, 31

 0, 16, 6

 186, 245, 231

 186, 245, 231

 162, 245, 225

 211, 245, 237

 137, 245, 219

 235, 245, 243

 113, 245, 214

 255, 245, 248

 88, 245, 208

 255, 245, 254

 63, 245, 202

 255, 245, 255

 39, 245, 196

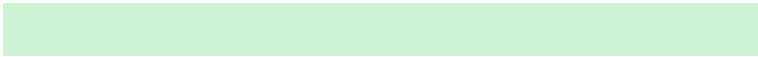
 14, 245, 190

 0, 245, 187

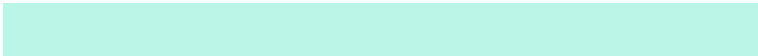
Harmonies

Analogous

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



205, 243, 211



186, 245, 231



178, 244, 252

Triad

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



186, 245, 231



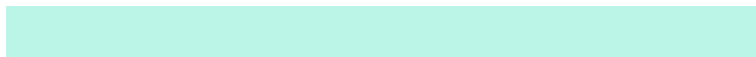
235, 228, 255



255, 225, 199

Complementary

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



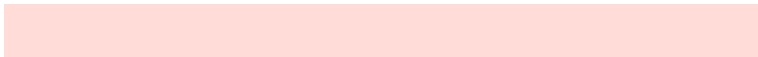
186, 245, 231



245, 186, 200

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, 220, 215



186, 245, 231



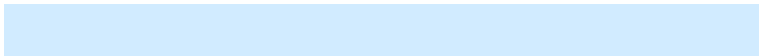
255, 222, 255

Square

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



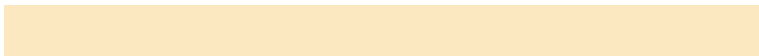
186, 245, 231



209, 235, 255



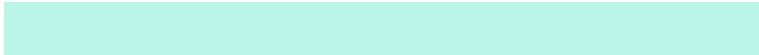
255, 219, 235



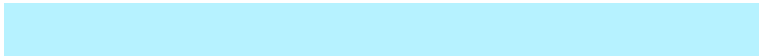
251, 231, 192

Rectangle

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



186, 245, 231



182, 242, 255



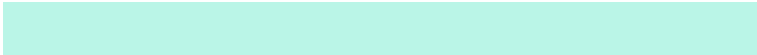
255, 219, 235



255, 223, 203

Sweetspot

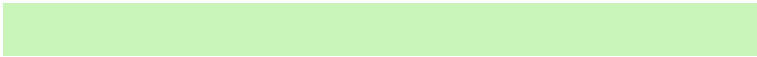
The Sweet Spot groups the original color and five complimentary colors.



186, 245, 231



237, 255, 251



201, 245, 186



117, 128, 125



0, 0, 0



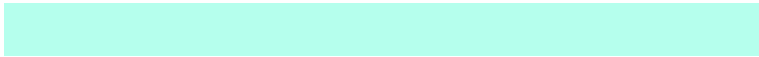
128, 128, 128

Same Dimension

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



186, 245, 231



181, 255, 237



186, 230, 245



110, 122, 119



0, 186, 142



0, 59, 45

Inverse Universe

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



245, 186, 200



255, 181, 199



245, 201, 186



122, 110, 113



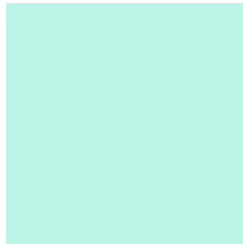
186, 0, 44



59, 0, 14

Previews

White Background



This preview shows how the RGB color 186, 245, 231 looks on a white background.

Color Contrast Check

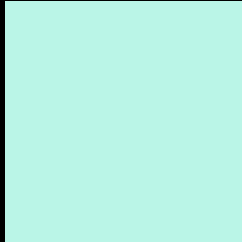
Large Text (above 18pt) WCAG AA × Fail

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, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

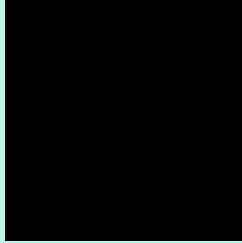
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

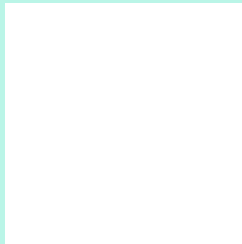
Any Text WCAG AAA ✓ Pass

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

RGB 186, 245, 231 Background



This preview shows how black text looks on a background with the RGB color 186, 245, 231.



This preview shows how white text looks on a background with the RGB color 186, 245, 231.

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

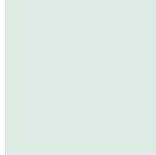
200, 239, 255

Trichromacy



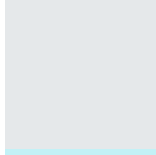
Original Color

186, 245, 231



Protanomaly

220, 236, 226



Deuteranomaly

229, 232, 234



Tritanomaly

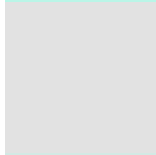
195, 241, 246

Monochromacy



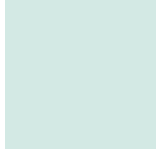
Original Color

186, 245, 231



Achromatopsia

226, 226, 226



Achromatomaly

211, 233, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 245, 231 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(186, 245, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 245, 231) }
```

Border

The CSS property to change the border of an element to RGB 186, 245, 231 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, 231) }
```

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

```
.border{ border-color:rgb(186, 245, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 245, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 245, 231);  
box-shadow:4px 4px 4px 4px rgb(186, 245,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 186, 245, 231 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, 231) }
```

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

```
.background{ background-color: rgb(186,  
245, 231) }
```

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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