

Converting Colors

RGB(186, 249, 220)

Have a look what the booklet for
RGB(186, 249, 220) contains.

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Color

RGB(186, 249, 220)

Conversions

Conversions Part 1

Format	Color
Hex	BAF9DC
RGB	186, 249, 220
RGB Percent	73%, 98%, 86%
CMY	0.2706, 0.0235, 0.1373
CMYK	0.25, 0.00, 0.12, 0.02
HSL	152°, 84%, 85%
HSV	152°, 25%, 98%
XYZ	67.0436, 83.3578, 80.2662
YIQ	226.8570, -28.2390, -22.3750

Conversions

Conversions Part 2

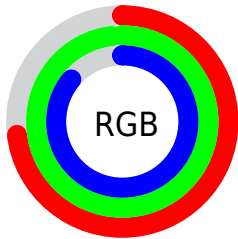
Format	Color
RYB	186, 227, 249
Decimal	12253660
CIELab	93.17, -25.48, 7.55
CIElCh	93, 26.575, 163.484
Yxy	83.3578, 0.2907, 0.3614
Android (android.graphics.Color)	4290443740 (0xFFBAF9DC)
YUV	226.8570, -3.3805, -35.8316
Hunter-Lab	91.3005, -28.6999, 11.7859

Details

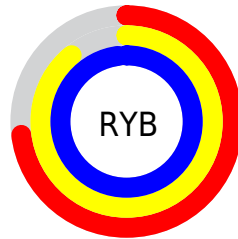
The RGB color **186, 249, 220** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 186, 215**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **243, 255, 255**, and **131, 192, 165** is the 20% darker color. If you saturate the color by 10%, you get **161, 249, 209**, and if you desaturate by 10%, it is **211, 249, 231**.

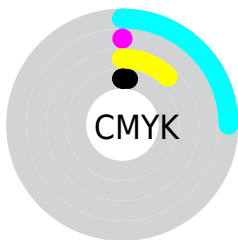
Distribution



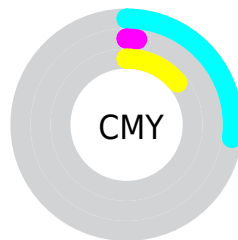
- Red (73%)
- Green (98%)
- Blue (86%)



- Red (73%)
- Yellow (89%)
- Blue (98%)



- Cyan (25%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (27%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 249, 220 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, 249, 220 by changing the saturation by 10% instead.


 186, 249, 220

255, 255, 255


 243, 255, 255

 186, 249, 220

 158, 220, 192

 131, 192, 165

 105, 165, 139

 79, 139, 113

 54, 113, 89

 28, 88, 65


 0, 64, 43


 0, 42, 23

 0, 19, 0

 186, 249, 220

 186, 249, 220

 161, 249, 209

 211, 249, 231

 136, 249, 197

 236, 249, 243

 111, 249, 186

 255, 249, 254

 86, 249, 174

 255, 249, 255

 62, 249, 163

 37, 249, 151

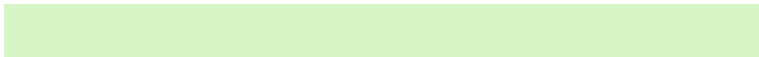
 12, 249, 140

 0, 249, 134

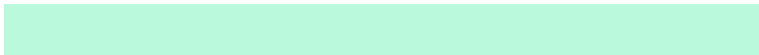
Harmonies

Analogous

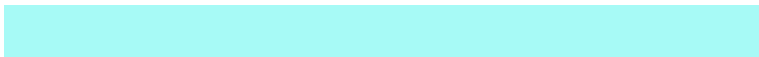
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 245, 198



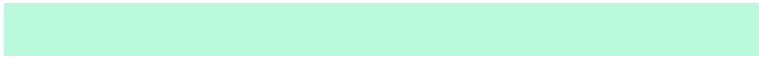
186, 249, 220



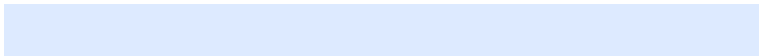
167, 250, 246

Triad

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



186, 249, 220



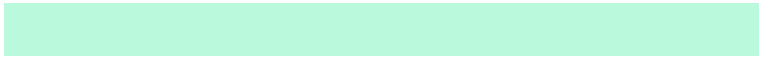
221, 234, 255



255, 221, 201

Complementary

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



186, 249, 220



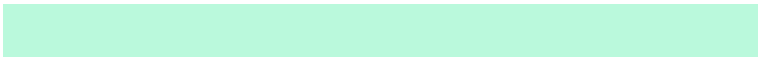
249, 186, 215

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, 217, 225



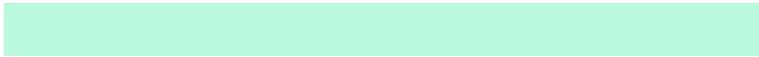
186, 249, 220



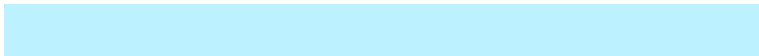
254, 225, 255

Square

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



186, 249, 220



188, 242, 255



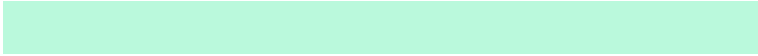
255, 219, 251



255, 229, 187

Rectangle

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



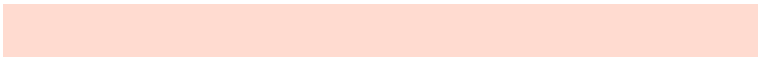
186, 249, 220



164, 249, 255



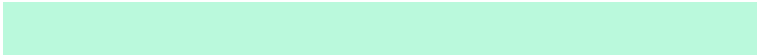
255, 219, 251



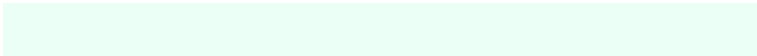
255, 219, 208

Sweetspot

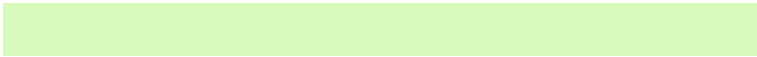
The Sweet Spot groups the original color and five complimentary colors.



186, 249, 220



235, 255, 246



215, 249, 186



115, 128, 122



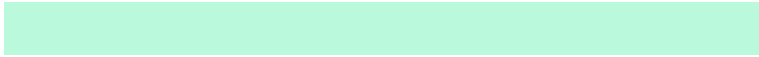
0, 0, 0



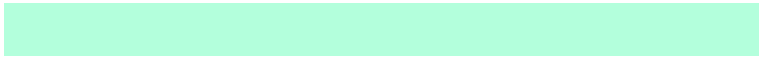
128, 128, 128

Same Dimension

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



186, 249, 220



179, 255, 220



186, 247, 249



112, 125, 119



0, 189, 102



0, 61, 33

Inverse Universe

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



249, 186, 215



255, 179, 214



249, 188, 186



125, 112, 118



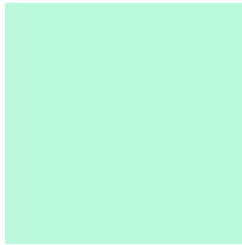
189, 0, 87



61, 0, 28

Previews

White Background



This preview shows how the RGB color 186, 249, 220 looks on a white background.

Color Contrast Check

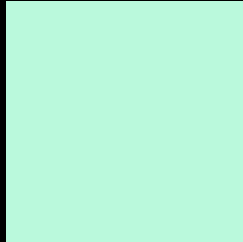
Large Text (above 18pt) WCAG AA × Fail

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, 249, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

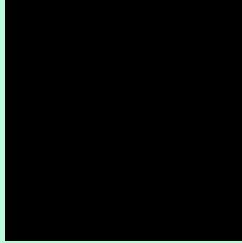
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

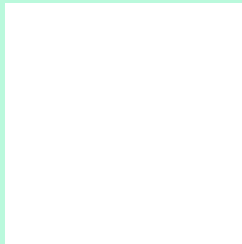
Any Text WCAG AAA ✓ Pass

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

RGB 186, 249, 220 Background



This preview shows how black text looks on a background with the RGB color 186, 249, 220.

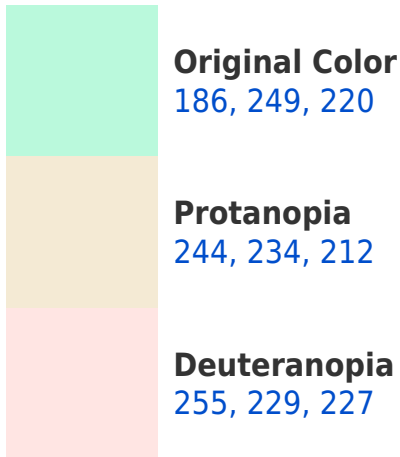


This preview shows how white text looks on a background with the RGB color 186, 249, 220.

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





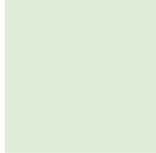
Tritanopia
207, 241, 255

Trichromacy



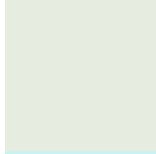
Original Color

186, 249, 220



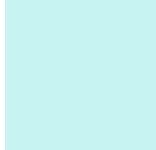
Protanomaly

223, 239, 215



Deuteranomaly

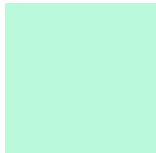
230, 236, 224



Tritanomaly

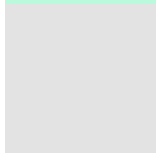
199, 244, 242

Monochromacy



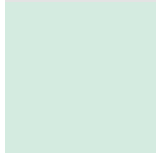
Original Color

186, 249, 220



Achromatopsia

227, 227, 227



Achromatomaly

212, 235, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 249, 220 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, 249, 220)` looks like.

```
.text, #text, p{  
    color:rgb(186, 249, 220)  
}
```

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, 249, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 249, 220) }
```

Border

The CSS property to change the border of an element to RGB 186, 249, 220 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, 249, 220) }
```

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

```
.border{ border-color:rgb(186, 249, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 249, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 249, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 249, 220);  
box-shadow:4px 4px 4px 4px rgb(186, 249,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 186, 249, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 249, 220) }
```

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

```
.background{ background-color: rgb(186,  
249, 220) }
```

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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