

Converting Colors

RGB(186, 254, 210)

Have a look what the booklet for
RGB(186, 254, 210) contains.

RGB(186, 254, 210)	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, 254, 210)

Conversions

Conversions Part 1

Format	Color
Hex	BAFED2
RGB	186, 254, 210
RGB Percent	73%, 100%, 82%
CMY	0.2706, 0.0039, 0.1765
CMYK	0.27, 0.00, 0.17, 0.00
HSL	141°, 97%, 86%
HSV	141°, 27%, 100%
XYZ	67.3244, 85.9759, 74.0194
YIQ	228.6520, -26.4040, -28.1000

Conversions

Conversions Part 2

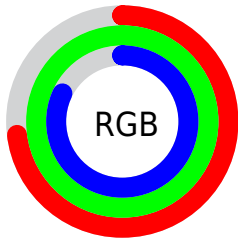
Format	Color
RYB	186, 236, 254
Decimal	12254930
CIELab	94.30, -29.73, 14.32
CIElCh	94, 33.003, 154.286
Yxy	85.9759, 0.2962, 0.3782
Android (android.graphics.Color)	4290445010 (0xFFBAFED2)
YUV	228.6520, -9.1954, -37.4058
Hunter-Lab	92.7232, -32.6604, 17.5760

Details

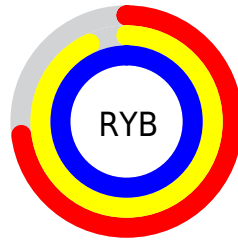
The RGB color **186, 254, 210** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **254, 186, 230**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **243, 255, 255**, and **131, 197, 155** is the 20% darker color. If you saturate the color by 10%, you get **161, 254, 194**, and if you desaturate by 10%, it is **211, 254, 226**.

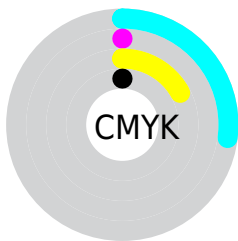
Distribution



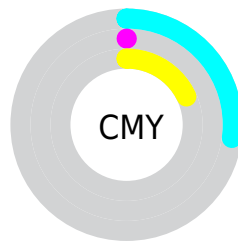
- Red (73%)
- Green (100%)
- Blue (82%)



- Red (73%)
- Yellow (93%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 254, 210 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, 254, 210 by changing the saturation by 10% instead.


 186, 254, 210

255, 255, 255


 243, 255, 255

 186, 254, 210

 158, 225, 182


 131, 197, 155

 105, 170, 129

 79, 143, 104

 53, 117, 80

 26, 92, 57

 0, 68, 35


 0, 45, 14

 0, 24, 0

 186, 254, 210

 186, 254, 210

 161, 254, 194

 211, 254, 226

 135, 254, 177

 237, 254, 243

 110, 254, 161

255, 254, 255

 84, 254, 144

 59, 254, 128

 34, 254, 111

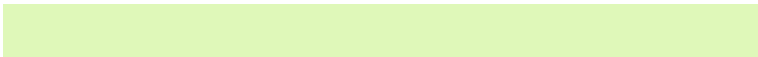
 8, 254, 95

 0, 254, 90

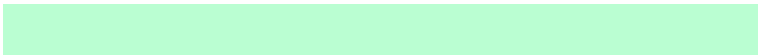
Harmonies

Analogous

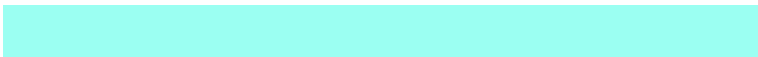
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 248, 185



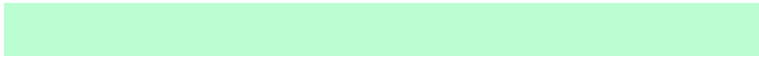
186, 254, 210



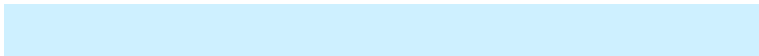
155, 255, 242

Triad

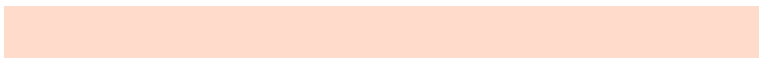
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



186, 254, 210



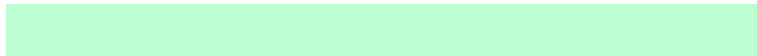
206, 240, 255



255, 219, 204

Complementary

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



186, 254, 210



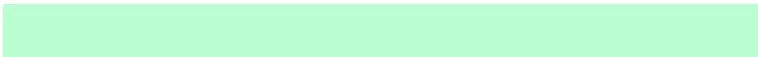
254, 186, 230

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, 215, 235



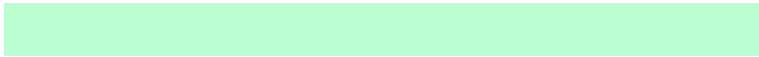
186, 254, 210



250, 229, 255

Square

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



186, 254, 210



164, 249, 255



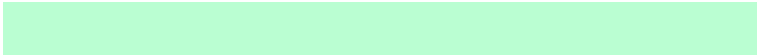
255, 219, 255



255, 227, 182

Rectangle

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



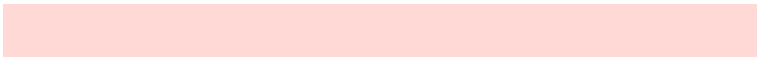
186, 254, 210



144, 255, 255



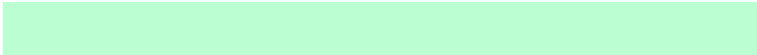
255, 219, 255



255, 217, 214

Sweetspot

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



186, 254, 210



235, 255, 242



230, 254, 186



115, 128, 119



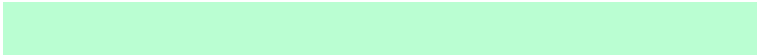
0, 0, 0



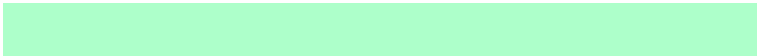
128, 128, 128

Same Dimension

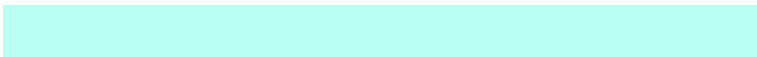
The Same Dimension uses a secret algorithm to generate beautiful new colors.



186, 254, 210



173, 255, 202



186, 254, 244



115, 128, 119



0, 191, 68



0, 64, 23

Inverse Universe

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



254, 186, 230



255, 173, 226



254, 186, 196



128, 115, 123



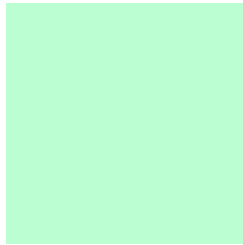
191, 0, 124



64, 0, 41

Previews

White Background



This preview shows how the RGB color 186, 254, 210 looks on a white background.

Color Contrast Check

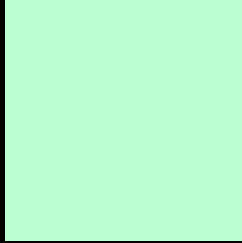
Large Text (above 18pt) WCAG AA × Fail

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, 254, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

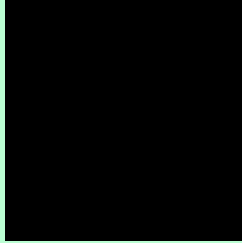
Any Text WCAG AA ✓ Pass

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, 254, 210 Background



This preview shows how black text looks on a background with the RGB color 186, 254, 210.



This preview shows how white text looks on a background with the RGB color 186, 254, 210.

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





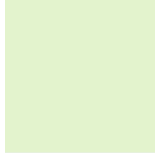
Tritanopia
215, 243, 255

Trichromacy



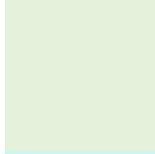
Original Color

186, 254, 210



Protanomaly

227, 243, 205



Deuteranomaly

230, 241, 220



Tritanomaly

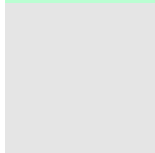
204, 247, 239

Monochromacy



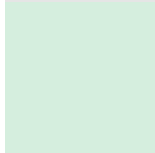
Original Color

186, 254, 210



Achromatopsia

229, 229, 229



Achromatomaly

213, 238, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 254, 210 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, 254, 210)` looks like.

```
.text, #text, p{  
    color:rgb(186, 254, 210)  
}
```

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, 254, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 254, 210) }
```

Border

The CSS property to change the border of an element to RGB 186, 254, 210 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, 254, 210) }
```

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

```
.border{ border-color:rgb(186, 254, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 254, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 254, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 254, 210);  
box-shadow:4px 4px 4px 4px rgb(186, 254,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 186, 254, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 254, 210) }
```

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

```
.background{ background-color: rgb(186,  
254, 210) }
```

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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