

Converting Colors

RGB(180, 246, 213)

Have a look what the booklet for
RGB(180, 246, 213) contains.

RGB(180, 246, 213)	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(180, 246, 213)

Conversions

Conversions Part 1

Format	Color
Hex	B4F6D5
RGB	180, 246, 213
RGB Percent	71%, 96%, 84%
CMY	0.2941, 0.0353, 0.1647
CMYK	0.27, 0.00, 0.13, 0.04
HSL	150°, 79%, 84%
HSV	150°, 27%, 96%
XYZ	63.7884, 80.4189, 75.1112
YIQ	222.5040, -28.7430, -24.2550

Conversions

Conversions Part 2

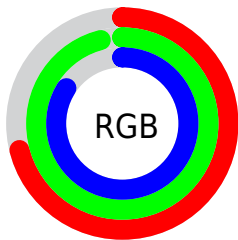
Format	Color
RYB	180, 224, 246
Decimal	11859669
CIELab	91.87, -27.21, 9.27
CIElCh	92, 28.742, 161.184
Yxy	80.4189, 0.2908, 0.3667
Android (android.graphics.Color)	4290049749 (0xFFB4F6D5)
YUV	222.5040, -4.6855, -37.2760
Hunter-Lab	89.6766, -29.9642, 13.1136

Details

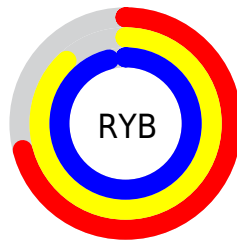
The RGB color **180, 246, 213** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **246, 180, 213**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **237, 255, 255**, and **126, 189, 158** is the 20% darker color. If you saturate the color by 10%, you get **155, 246, 201**, and if you desaturate by 10%, it is **205, 246, 225**.

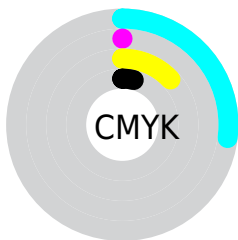
Distribution



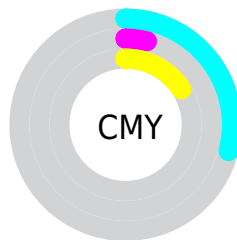
- Red (71%)
- Green (96%)
- Blue (84%)



- Red (71%)
- Yellow (88%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (29%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 246, 213 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 180, 246, 213 by changing the saturation by 10% instead.

 180, 246, 213


255, 255, 255


 237, 255, 255

 180, 246, 213


 152, 217, 185


 126, 189, 158


 99, 162, 132

 73, 136, 107

 48, 110, 83

 20, 85, 60

 0, 62, 38

 0, 39, 17

 0, 13, 0

 180, 246, 213

 180, 246, 213

 155, 246, 201

 205, 246, 225

 131, 246, 188

 229, 246, 238

 106, 246, 176

 254, 246, 250

 82, 246, 164

 255, 246, 255

 57, 246, 152

 32, 246, 139

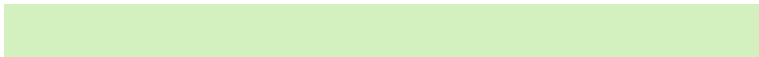
 8, 246, 127

 0, 246, 123

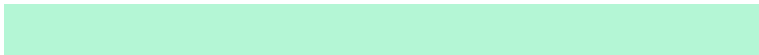
Harmonies

Analogous

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



211, 241, 190



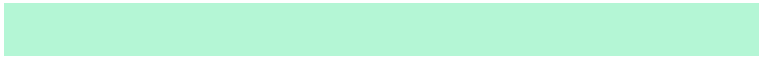
180, 246, 213



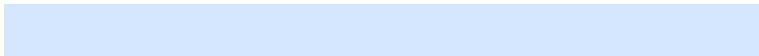
158, 247, 241

Triad

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



180, 246, 213



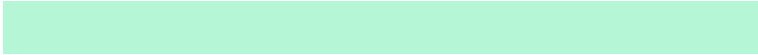
213, 231, 255



255, 216, 197

Complementary

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



180, 246, 213



246, 180, 213

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, 212, 222



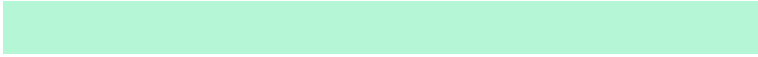
180, 246, 213



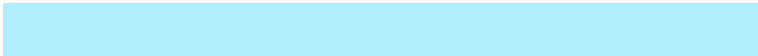
249, 221, 255

Square

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



180, 246, 213



177, 239, 255



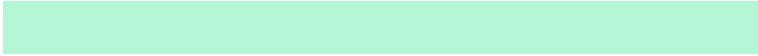
255, 214, 250



255, 224, 180

Rectangle

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



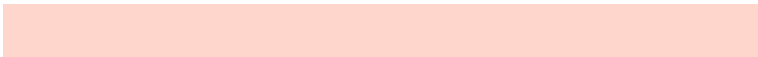
180, 246, 213



153, 246, 255



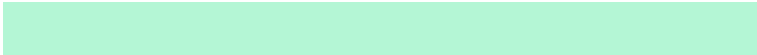
255, 214, 250



255, 214, 204

Sweetspot

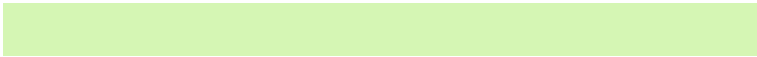
The Sweet Spot groups the original color and five complimentary colors.



180, 246, 213



235, 255, 245



213, 246, 180



115, 128, 121



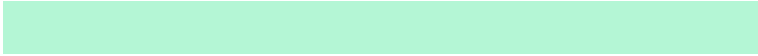
0, 0, 0



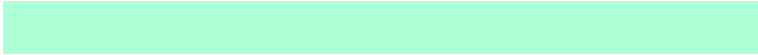
128, 128, 128

Same Dimension

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



180, 246, 213



173, 255, 214



180, 246, 246



110, 122, 116



0, 186, 93



0, 59, 29

Inverse Universe

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



246, 180, 213



255, 173, 214



246, 180, 180



122, 110, 116



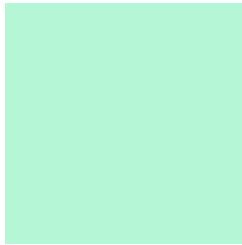
186, 0, 93



59, 0, 29

Previews

White Background



This preview shows how the RGB color 180, 246, 213 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 180, 246, 213 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

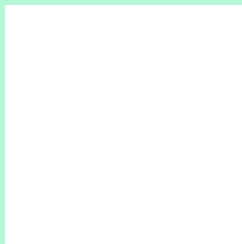
Any Text WCAG AAA ✓ Pass

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

RGB 180, 246, 213 Background



This preview shows how black text looks on a background with the RGB color 180, 246, 213.

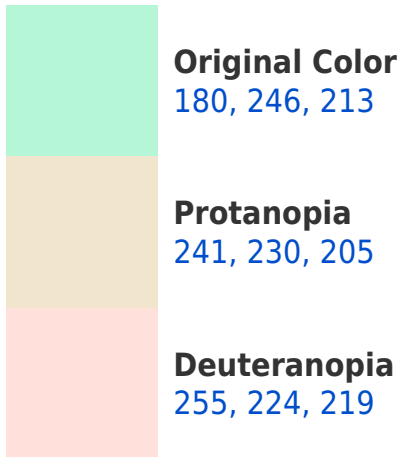


This preview shows how white text looks on a background with the RGB color 180, 246, 213.

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





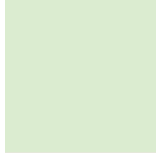
Tritanopia
196, 238, 255

Trichromacy



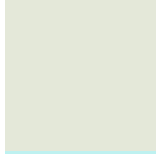
Original Color

180, 246, 213



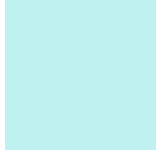
Protanomaly

219, 236, 208



Deuteranomaly

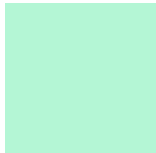
228, 232, 217



Tritanomaly

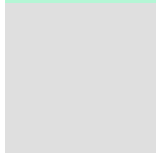
190, 241, 240

Monochromacy



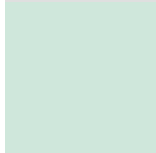
Original Color

180, 246, 213



Achromatopsia

223, 223, 223



Achromatomaly

207, 231, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 246, 213 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(180, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(180, 246, 213)  
}
```

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(180, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 246, 213) }
```

Border

The CSS property to change the border of an element to RGB 180, 246, 213 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(180, 246, 213) }
```

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

```
.border{ border-color:rgb(180, 246, 213) }
```

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

Here you see how a box with a 4 pixel rgb(180, 246, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(180, 246,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 180, 246, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 246, 213) }
```

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

```
.background{ background-color: rgb(180,  
246, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor