

Converting Colors

RGB(180, 237, 209)

Have a look what the booklet for
RGB(180, 237, 209) contains.

RGB(180, 237, 209)	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, 237, 209)

Conversions

Conversions Part 1

Format	Color
Hex	B4EDD1
RGB	180, 237, 209
RGB Percent	71%, 93%, 82%
CMY	0.2941, 0.0706, 0.1804
CMYK	0.24, 0.00, 0.12, 0.07
HSL	151°, 61%, 82%
HSV	151°, 24%, 93%
XYZ	60.6152, 74.8751, 71.5792
YIQ	216.7650, -24.9840, -20.7920

Conversions

Conversions Part 2

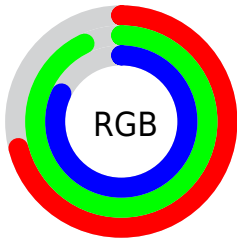
Format	Color
RYB	180, 218, 237
Decimal	11857361
CIELab	89.33, -23.65, 7.71
CIELCh	89, 24.874, 161.946
Yxy	74.8751, 0.2927, 0.3616
Android (android.graphics.Color)	4290047441 (0xFFB4EDD1)
YUV	216.7650, -3.8281, -32.2429
Hunter-Lab	86.5304, -26.3876, 11.5258

Details

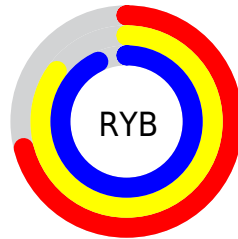
The RGB color **180, 237, 209** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **237, 180, 208**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **237, 255, 255**, and **126, 181, 155** is the 20% darker color. If you saturate the color by 10%, you get **156, 237, 197**, and if you desaturate by 10%, it is **204, 237, 221**.

Distribution



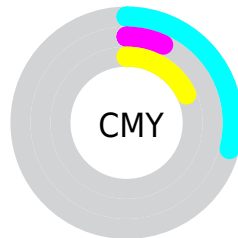
- Red (71%)
- Green (93%)
- Blue (82%)



- Red (71%)
- Yellow (85%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (29%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 237, 209 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, 237, 209 by changing the saturation by 10% instead.


 180, 237, 209


 180, 237, 209


255, 255, 255


 153, 209, 181

 237, 255, 255

 126, 181, 155

 100, 154, 129

 75, 128, 104

 50, 103, 79

 24, 78, 57

 0, 55, 35

 0, 34, 14

 0, 0, 0

 180, 237, 209

 180, 237, 209

 156, 237, 197

 204, 237, 221

 133, 237, 186

 227, 237, 232

 109, 237, 174

 251, 237, 244

 85, 237, 162

 255, 237, 255

 62, 237, 151

 38, 237, 139

 14, 237, 128

 0, 237, 121

Harmonies

Analogous

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



206, 233, 189



180, 237, 209



162, 238, 233

Triad

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



180, 237, 209



210, 223, 255



255, 211, 194

Complementary

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



180, 237, 209



237, 180, 208

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, 208, 216



180, 237, 209



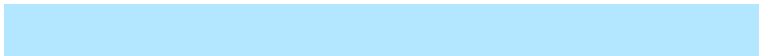
240, 215, 255

Square

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



180, 237, 209



179, 231, 255



255, 209, 240



255, 218, 180

Rectangle

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



180, 237, 209



159, 237, 249



255, 209, 240



255, 210, 200

Sweetspot

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



180, 237, 209



237, 255, 246



209, 237, 180



117, 128, 122



0, 0, 0



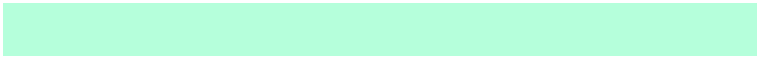
128, 128, 128

Same Dimension

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



180, 237, 209



181, 255, 219



180, 237, 237



106, 117, 112



0, 181, 92



0, 54, 27

Inverse Universe

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



237, 180, 208



255, 181, 217



237, 180, 180



117, 106, 111



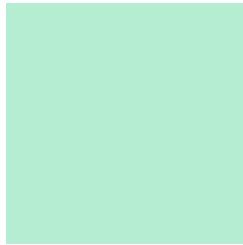
181, 0, 89



54, 0, 26

Previews

White Background



This preview shows how the RGB color 180, 237, 209 looks on a white background.

Color Contrast Check

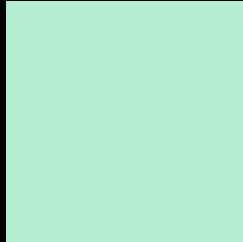
Large Text (above 18pt) WCAG AA × Fail

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, 237, 209 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

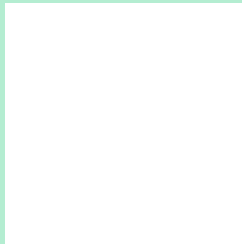
Any Text WCAG AAA ✓ Pass

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

RGB 180, 237, 209 Background



This preview shows how black text looks on a background with the RGB color 180, 237, 209.



This preview shows how white text looks on a background with the RGB color 180, 237, 209.

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





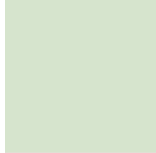
Tritanopia
188, 231, 250

Trichromacy



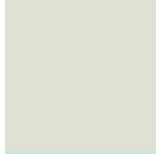
Original Color

180, 237, 209



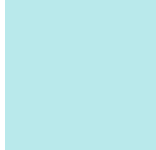
Protanomaly

214, 228, 205



Deuteranomaly

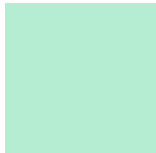
224, 224, 212



Tritanomaly

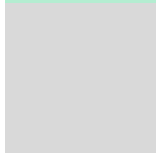
185, 233, 235

Monochromacy



Original Color

180, 237, 209



Achromatopsia

217, 217, 217



Achromatomaly

204, 224, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 237, 209 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, 237, 209)` looks like.

```
.text, #text, p{  
    color:rgb(180, 237, 209)  
}
```

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, 237, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 237, 209) }
```

Border

The CSS property to change the border of an element to RGB 180, 237, 209 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, 237, 209) }
```

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

```
.border{ border-color:rgb(180, 237, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 237, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 237, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 237, 209);  
box-shadow:4px 4px 4px 4px rgb(180, 237,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 180, 237, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 237, 209) }
```

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

```
.background{ background-color: rgb(180,  
237, 209) }
```

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