

Converting Colors

RGB(180, 227, 226)

Have a look what the booklet for
RGB(180, 227, 226) contains.

| | |
|--|----|
| RGB(180, 227, 226) | 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, 227, 226)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B4E3E2 |
| RGB | 180, 227, 226 |
| RGB Percent | 71%, 89%, 89% |
| CMY | 0.2941, 0.1098, 0.1137 |
| CMYK | 0.21, 0.00, 0.00, 0.11 |
| HSL | 179°, 46%, 80% |
| HSV | 179°, 21%, 89% |
| XYZ | 60.0189, 70.1325, 82.3251 |
| YIQ | 212.8330, -27.6910, -10.2750 |

Conversions

Conversions Part 2

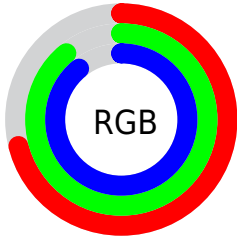
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 180, 204, 227 |
| Decimal | 11854818 |
| CIELab | 87.06, -15.27, -4.51 |
| CIELCh | 87, 15.921, 196.455 |
| Yxy | 70.1325, 0.2825, 0.3301 |
| Android (android.graphics.Color) | 4290044898 (0xFFB4E3E2) |
| YUV | 212.8330, 6.4913, -28.7945 |
| Hunter-Lab | 83.7451, -18.6255, 0.3369 |

Details

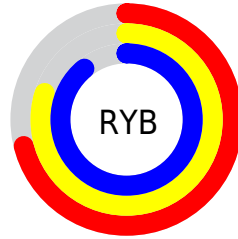
The RGB color **180, 227, 226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 180, 181**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **237, 255, 255**, and **126, 172, 171** is the 20% darker color. If you saturate the color by 10%, you get **157, 227, 226**, and if you desaturate by 10%, it is **203, 227, 226**.

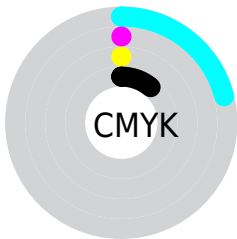
Distribution



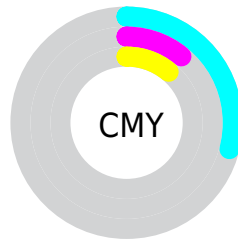
- Red (71%)
- Green (89%)
- Blue (89%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 180, 227, 226 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, 227, 226 by changing the saturation by 10% instead.

 180, 227, 226


255, 255, 255


 237, 255, 255

 180, 227, 226


 153, 199, 198

 126, 172, 171

 100, 145, 144

 75, 119, 119

 50, 94, 94

 25, 71, 70

 0, 48, 48

 0, 28, 27

 0, 0, 0

 180, 227, 226

 180, 227, 226

 157, 227, 226

 203, 227, 226

 135, 227, 225


 225, 227, 227

 112, 227, 225


 248, 227, 227

 89, 227, 224

 255, 227, 228

 67, 227, 224

 255, 227, 228

 44, 227, 223

 255, 227, 229

 21, 227, 223

 255, 227, 229

 0, 227, 222

 255, 227, 230

 255, 227, 230

Harmonies

Analogous

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



189, 227, 210



180, 227, 226



182, 225, 239

Triad

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



180, 227, 226



231, 212, 239



237, 215, 189

Complementary

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



180, 227, 226



227, 180, 181

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.



248, 210, 197



180, 227, 226



245, 208, 226

Square

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



180, 227, 226



212, 217, 247



250, 208, 210



221, 220, 189

Rectangle

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



180, 227, 226



189, 223, 245



250, 208, 210



241, 213, 191

Sweetspot

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



180, 227, 226



240, 255, 255



182, 227, 180



119, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



180, 227, 226



191, 255, 254



180, 205, 227



103, 115, 115



0, 179, 175



0, 51, 50

Inverse Universe

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



227, 180, 181



255, 191, 193



227, 202, 180



115, 103, 104



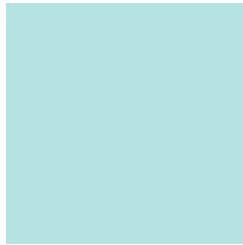
179, 0, 4



51, 0, 1

Previews

White Background



This preview shows how the RGB color 180, 227, 226 looks on a white background.

Color Contrast Check

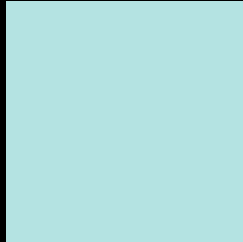
Large Text (above 18pt) WCAG AA × Fail

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, 227, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

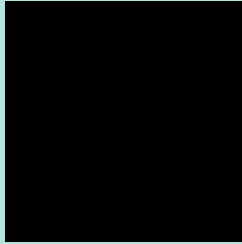
Any Text WCAG AA ✓ Pass

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, 227, 226 Background



This preview shows how black text looks on a background with the RGB color 180, 227, 226.



This preview shows how white text looks on a background with the RGB color 180, 227, 226.

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





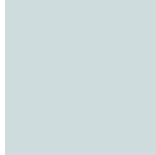
Tritanopia
183, 224, 242

Trichromacy



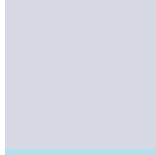
Original Color

180, 227, 226



Protanomaly

206, 220, 222



Deuteranomaly

214, 217, 228



Tritanomaly

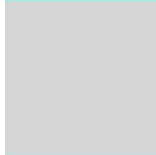
182, 225, 236

Monochromacy



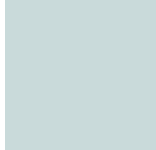
Original Color

180, 227, 226



Achromatopsia

213, 213, 213



Achromatomaly

201, 218, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 227, 226 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, 227, 226)` looks like.

```
.text, #text, p{  
    color:rgb(180, 227, 226)  
}
```

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, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 227, 226) }
```

Border

The CSS property to change the border of an element to RGB 180, 227, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

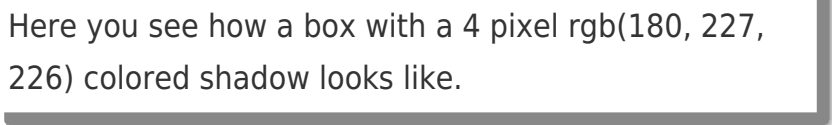
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 227, 226) }
```

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

```
.border{ border-color:rgb(180, 227, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(180, 227,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 180, 227, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 227, 226) }
```

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

```
.background{ background-color: rgb(180,  
227, 226) }
```

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