

Converting Colors

RGB(180, 238, 233)

Have a look what the booklet for
RGB(180, 238, 233) contains.

RGB(180, 238, 233)	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, 238, 233)

Conversions

Conversions Part 1

Format	Color
Hex	B4EEE9
RGB	180, 238, 233
RGB Percent	71%, 93%, 91%
CMY	0.2941, 0.0667, 0.0863
CMYK	0.24, 0.00, 0.02, 0.07
HSL	175°, 63%, 82%
HSV	175°, 24%, 93%
XYZ	64.1049, 76.7356, 88.5236
YIQ	220.0880, -32.9630, -13.8510

Conversions

Conversions Part 2

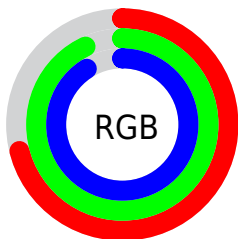
Format	Color
R_{YB}	180, 210, 238
Decimal	11857641
CIE _{Lab}	90.20, -19.27, -3.56
CIE _{LCh}	90, 19.599, 190.471
Yxy	76.7356, 0.2795, 0.3346
Android (android.graphics.Color)	4290047721 (0xFFB4EEE9)
YUV	220.0880, 6.3656, -35.1572
Hunter-Lab	87.5988, -22.6715, 1.4033

Details

The RGB color **180, 238, 233** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **238, 180, 185**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **237, 255, 255**, and **126, 182, 177** is the 20% darker color. If you saturate the color by 10%, you get **156, 238, 231**, and if you desaturate by 10%, it is **204, 238, 235**.

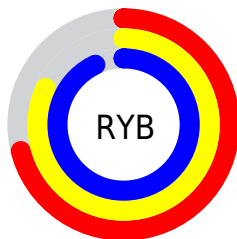
Distribution



Red (71%)

Green (93%)

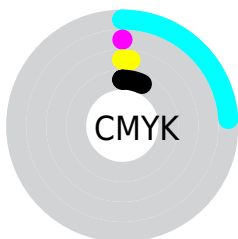
Blue (91%)



Red (71%)

Yellow (82%)

Blue (93%)

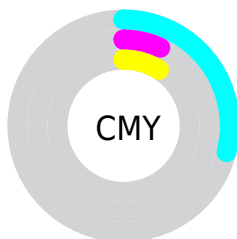


Cyan (24%)

Magenta (0%)

Yellow (2%)

Black (7%)



Cyan (29%)

Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 238, 233 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, 238, 233 by changing the saturation by 10% instead.


 180, 238, 233


255, 255, 255


 237, 255, 255


 180, 238, 233


 152, 210, 205

 126, 182, 177


 99, 155, 151

 74, 129, 125

 48, 104, 100

 20, 79, 76

 0, 56, 53

 0, 35, 32

 0, 2, 9

 180, 238, 233

 180, 238, 233

 156, 238, 231

 204, 238, 235

 132, 238, 229

 228, 238, 237

 109, 238, 227

 251, 238, 239

 85, 238, 225

 255, 238, 241

 61, 238, 223

 255, 238, 243

 37, 238, 221

 255, 238, 245

 13, 238, 219

 255, 238, 247

 0, 238, 217

 255, 238, 249

 255, 238, 251

Harmonies

Analogous

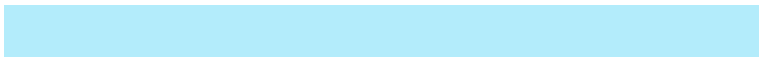
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193, 237, 214



180, 238, 233



179, 236, 251

Triad

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



180, 238, 233



239, 220, 255



253, 222, 192

Complementary

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



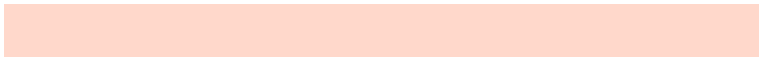
180, 238, 233



238, 180, 185

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, 216, 203



180, 238, 233



255, 215, 240

Square

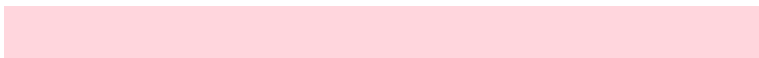
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180, 238, 233



215, 226, 255



255, 214, 221



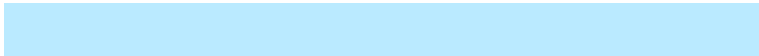
235, 228, 190

Rectangle

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



180, 238, 233



186, 234, 255



255, 214, 221



255, 220, 195

Sweetspot

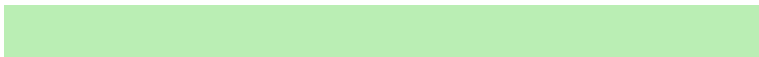
The Sweet Spot groups the original color and five complimentary colors.



180, 238, 233



237, 255, 253



186, 238, 180



117, 128, 127



0, 0, 0



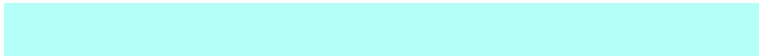
128, 128, 128

Same Dimension

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



180, 238, 233



181, 255, 249



180, 215, 238



108, 120, 119



0, 184, 168



0, 56, 51

Inverse Universe

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



238, 180, 185



255, 181, 187



238, 203, 180



120, 108, 109



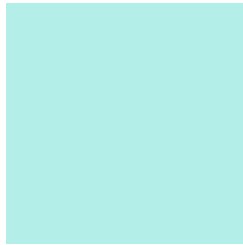
184, 0, 16



56, 0, 5

Previews

White Background



This preview shows how the RGB color 180, 238, 233 looks on a white background.

Color Contrast Check

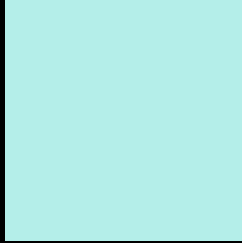
Large Text (above 18pt) WCAG AA × Fail

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, 238, 233 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

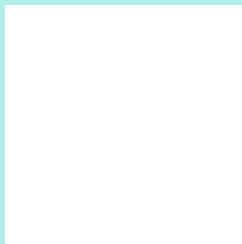
Any Text WCAG AAA ✓ Pass

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

RGB 180, 238, 233 Background



This preview shows how black text looks on a background with the RGB color 180, 238, 233.

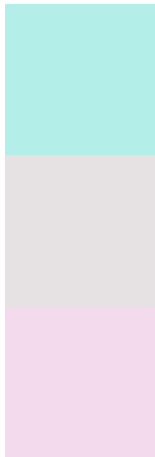


This preview shows how white text looks on a background with the RGB color 180, 238, 233.

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



Original Color
180, 238, 233

Protanopia
230, 225, 226

Deuteranopia
243, 219, 237



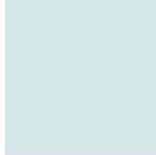
Tritanopia
184, 235, 254

Trichromacy



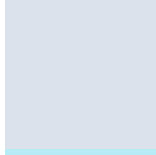
Original Color

180, 238, 233



Protanomaly

212, 230, 229



Deuteranomaly

220, 226, 236



Tritanomaly

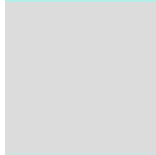
183, 236, 246

Monochromacy



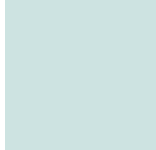
Original Color

180, 238, 233



Achromatopsia

220, 220, 220



Achromatomaly

205, 227, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 238, 233 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, 238, 233)` looks like.

```
.text, #text, p{  
    color:rgb(180, 238, 233)  
}
```

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, 238, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 238, 233) }
```

Border

The CSS property to change the border of an element to RGB 180, 238, 233 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, 238, 233) }
```

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

```
.border{ border-color:rgb(180, 238, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 238, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 238, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 238, 233);  
box-shadow:4px 4px 4px 4px rgb(180, 238,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 180, 238, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 238, 233) }
```

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

```
.background{ background-color: rgb(180,  
238, 233) }
```

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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