

Converting Colors

RGB(178, 225, 220)

Have a look what the booklet for
RGB(178, 225, 220) contains.

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Color

RGB(178, 225, 220)

Conversions

Conversions Part 1

Format	Color
Hex	B2E1DC
RGB	178, 225, 220
RGB Percent	70%, 88%, 86%
CMY	0.3020, 0.1176, 0.1373
CMYK	0.21, 0.00, 0.02, 0.12
HSL	174°, 44%, 79%
HSV	174°, 21%, 88%
XYZ	58.2036, 68.4827, 77.8610
YIQ	210.3770, -26.4070, -11.5190

Conversions

Conversions Part 2

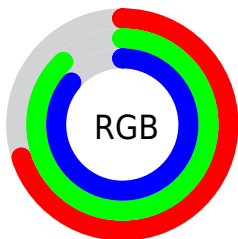
Format	Color
RYB	178, 203, 225
Decimal	11723228
CIELab	86.25, -16.13, -2.56
CIELCh	86, 16.329, 189.017
Yxy	68.4827, 0.2845, 0.3348
Android (android.graphics.Color)	4289913308 (0xFFB2E1DC)
YUV	210.3770, 4.7441, -28.3946
Hunter-Lab	82.7543, -19.2756, 2.1438

Details

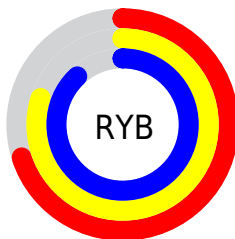
The RGB color **178, 225, 220** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 178, 183**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **234, 255, 255**, and **124, 170, 165** is the 20% darker color. If you saturate the color by 10%, you get **155, 225, 218**, and if you desaturate by 10%, it is **201, 225, 222**.

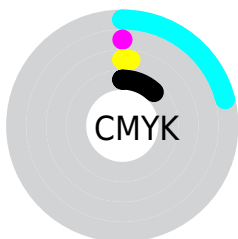
Distribution



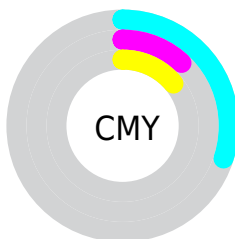
- Red (70%)
- Green (88%)
- Blue (86%)



- Red (70%)
- Yellow (80%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (30%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 225, 220 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 178, 225, 220 by changing the saturation by 10% instead.

 178, 225, 220


255, 255, 255


 234, 255, 255

 178, 225, 220

 151, 197, 192

 124, 170, 165

 99, 143, 139

 74, 117, 113

 49, 93, 89

 24, 69, 66

 0, 46, 44


 0, 27, 23

 0, 0, 0

 178, 225, 220


 178, 225, 220

 155, 225, 218

 201, 225, 222

 133, 225, 215

 223, 225, 225

 111, 225, 213

 246, 225, 227

 88, 225, 210

 255, 225, 230

 66, 225, 208

 255, 225, 232

 43, 225, 206

 255, 225, 234

 21, 225, 203

 255, 225, 237

 0, 225, 201

 255, 225, 239

 255, 225, 242

Harmonies

Analogous

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



189, 224, 204



178, 225, 220



177, 224, 235

Triad

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



178, 225, 220



225, 210, 240



238, 211, 187

Complementary

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



178, 225, 220



225, 178, 183

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.



247, 207, 197



178, 225, 220



240, 206, 227

Square

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



178, 225, 220



205, 216, 246



248, 205, 212



223, 216, 185

Rectangle

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



178, 225, 220



182, 222, 242



248, 205, 212



242, 210, 190

Sweetspot

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



178, 225, 220



240, 255, 253



183, 225, 178



119, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



178, 225, 220



191, 255, 248



178, 207, 225



101, 112, 111



0, 176, 157



0, 48, 43

Inverse Universe

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



225, 178, 183



255, 191, 198



225, 196, 178



112, 101, 102



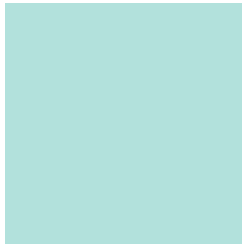
176, 0, 19



48, 0, 5

Previews

White Background



This preview shows how the RGB color 178, 225, 220 looks on a white background.

Color Contrast Check

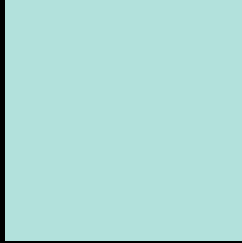
Large Text (above 18pt) WCAG AA × Fail

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 178, 225, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

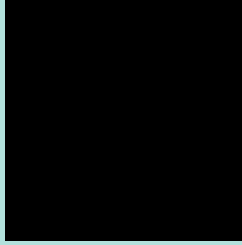
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

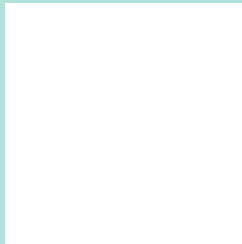
Any Text WCAG AAA ✓ Pass

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

RGB 178, 225, 220 Background



This preview shows how black text looks on a background with the RGB color 178, 225, 220.

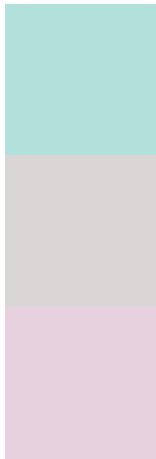


This preview shows how white text looks on a background with the RGB color 178, 225, 220.

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
178, 225, 220

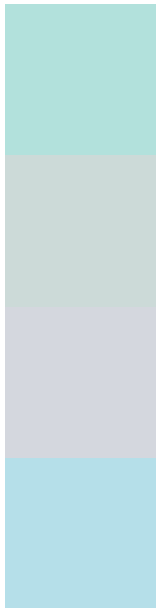
Protanopia
219, 214, 214

Deuteranopia
232, 209, 223



Tritanopia
182, 222, 240

Trichromacy



Original Color
178, 225, 220

Protanomaly
204, 218, 216

Deuteranomaly
212, 215, 222

Tritanomaly
181, 223, 233

Monochromacy



Original Color
178, 225, 220

Achromatopsia
210, 210, 210

Achromatomaly
198, 215, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 225, 220 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(178, 225, 220)` looks like.

```
.text, #text, p{  
    color:rgb(178, 225, 220)  
}
```

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(178, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 225, 220) }
```

Border

The CSS property to change the border of an element to RGB 178, 225, 220 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(178, 225, 220) }
```

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

```
.border{ border-color:rgb(178, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 225, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 225, 220); box-shadow:4px 4px 4px 4px rgb(178, 225, 220) }
```

Background

The CSS property to change the background color of an element to RGB 178, 225, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 225, 220) }
```

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

```
.background{ background-color: rgb(178,  
225, 220) }
```

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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