

Converting Colors

RGB(178, 231, 226)

Have a look what the booklet for
RGB(178, 231, 226) contains.

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Color

RGB(178, 231, 226)

Conversions

Conversions Part 1

Format	Color
Hex	B2E7E2
RGB	178, 231, 226
RGB Percent	70%, 91%, 89%
CMY	0.3020, 0.0941, 0.1137
CMYK	0.23, 0.00, 0.02, 0.09
HSL	174°, 52%, 80%
HSV	174°, 23%, 91%
XYZ	60.6635, 72.1078, 82.6724
YIQ	214.5830, -29.9830, -12.7910

Conversions

Conversions Part 2

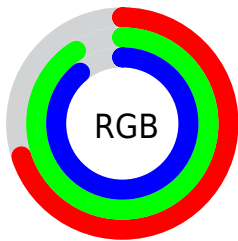
Format	Color
RYB	178, 206, 231
Decimal	11724770
CIELab	88.02, -17.87, -3.11
CIELCh	88, 18.140, 189.880
Yxy	72.1078, 0.2816, 0.3347
Android (android.graphics.Color)	4289914850 (0xFFB2E7E2)
YUV	214.5830, 5.6286, -32.0833
Hunter-Lab	84.9163, -21.0847, 1.7182

Details

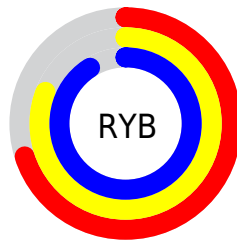
The RGB color **178, 231, 226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **231, 178, 183**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **235, 255, 255**, and **124, 175, 171** is the 20% darker color. If you saturate the color by 10%, you get **155, 231, 224**, and if you desaturate by 10%, it is **201, 231, 228**.

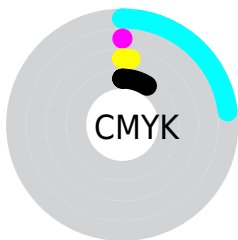
Distribution



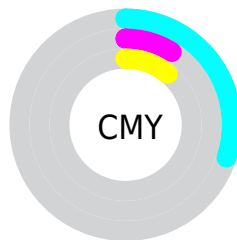
- Red (70%)
- Green (91%)
- Blue (89%)



- Red (70%)
- Yellow (81%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (30%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 231, 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 178, 231, 226 by changing the saturation by 10% instead.

■ 178, 231, 226

255, 255, 255

■ 235, 255, 255

■ 178, 231, 226

■ 151, 203, 198

■ 124, 175, 171

■ 98, 149, 144

■ 73, 123, 119

■ 48, 98, 94

■ 21, 74, 70

■ 0, 51, 48


■ 0, 30, 27

■ 0, 0, 0

 178, 231, 226

 178, 231, 226

 155, 231, 224

 201, 231, 228

 132, 231, 222

 224, 231, 230

 109, 231, 219

 247, 231, 233

 86, 231, 217

 255, 231, 235

 63, 231, 215

 255, 231, 237

 39, 231, 213

 255, 231, 239

 16, 231, 211

 255, 231, 241

 0, 231, 209

 255, 231, 243

 255, 231, 246

Harmonies

Analogous

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



190, 230, 208



178, 231, 226



177, 230, 242

Triad

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



178, 231, 226



231, 215, 247



245, 216, 189

Complementary

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



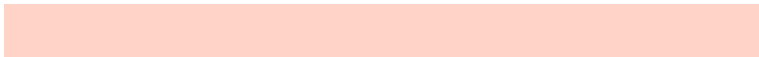
178, 231, 226



231, 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.



255, 211, 199



178, 231, 226



248, 210, 233

Square

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



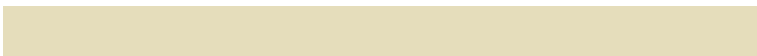
178, 231, 226



209, 220, 254



255, 209, 216



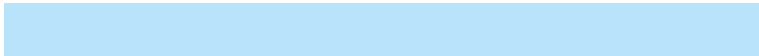
229, 221, 187

Rectangle

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



178, 231, 226



184, 227, 250



255, 209, 216



250, 214, 191

Sweetspot

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



178, 231, 226



237, 255, 253



183, 231, 178



117, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



178, 231, 226



184, 255, 248



178, 210, 231



103, 115, 114



0, 179, 162



0, 51, 46

Inverse Universe

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



231, 178, 183



255, 184, 190



231, 199, 178



115, 103, 104



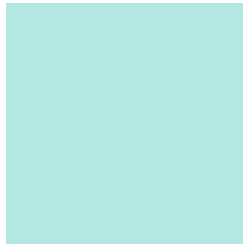
179, 0, 17



51, 0, 5

Previews

White Background



This preview shows how the RGB color 178, 231, 226 looks on a white background.

Color Contrast Check

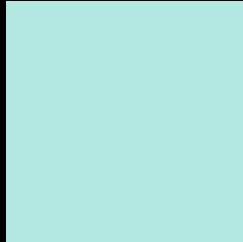
Large Text (above 18pt) WCAG AA × Fail

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 178, 231, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

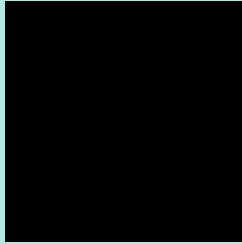
Any Text WCAG AA ✓ Pass

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 178, 231, 226 Background



This preview shows how black text looks on a background with the RGB color 178, 231, 226.



This preview shows how white text looks on a background with the RGB color 178, 231, 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





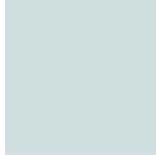
Tritanopia
182, 228, 246

Trichromacy



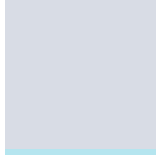
Original Color

178, 231, 226



Protanomaly

207, 223, 222



Deuteranomaly

216, 220, 229



Tritanomaly

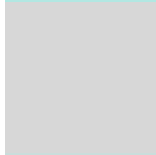
181, 229, 239

Monochromacy



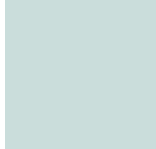
Original Color

178, 231, 226



Achromatopsia

215, 215, 215



Achromatomaly

202, 221, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 231, 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(178, 231, 226)` looks like.

```
.text, #text, p{  
    color:rgb(178, 231, 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(178, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 231, 226) }
```

Border

The CSS property to change the border of an element to RGB 178, 231, 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(178, 231, 226) }
```

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

```
.border{ border-color:rgb(178, 231, 226) }
```

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

Here you see how a box with a 4 pixel rgb(178, 231, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 231, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 231, 226);  
box-shadow:4px 4px 4px 4px rgb(178, 231,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 178, 231, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 231, 226) }
```

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

```
.background{ background-color: rgb(178,  
231, 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](#).

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