

Converting Colors

RGB(178, 230, 214)

Have a look what the booklet for
RGB(178, 230, 214) contains.

RGB(178, 230, 214)	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(178, 230, 214)

Conversions

Conversions Part 1

Format	Color
Hex	B2E6D6
RGB	178, 230, 214
RGB Percent	70%, 90%, 84%
CMY	0.3020, 0.0980, 0.1608
CMYK	0.23, 0.00, 0.07, 0.10
HSL	162°, 51%, 80%
HSV	162°, 23%, 90%
XYZ	58.7945, 70.9136, 74.2072
YIQ	212.6280, -25.8560, -16.0000

Conversions

Conversions Part 2

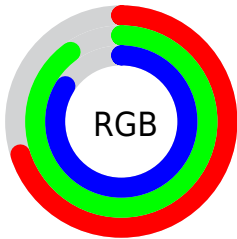
Format	Color
RYB	178, 209, 230
Decimal	11724502
CIELab	87.44, -19.85, 2.34
CIELCh	87, 19.987, 173.262
Yxy	70.9136, 0.2883, 0.3478
Android (android.graphics.Color)	4289914582 (0xFFB2E6D6)
YUV	212.6280, 0.6764, -30.3688
Hunter-Lab	84.2102, -22.7415, 6.7000

Details

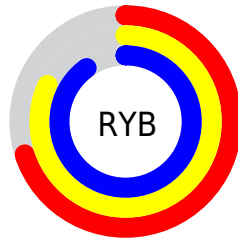
The RGB color **178, 230, 214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **230, 178, 194**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **234, 255, 255**, and **124, 174, 159** is the 20% darker color. If you saturate the color by 10%, you get **155, 230, 207**, and if you desaturate by 10%, it is **201, 230, 221**.

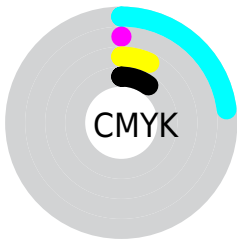
Distribution



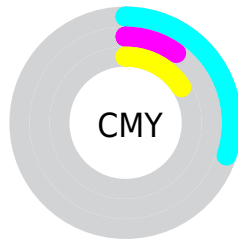
- Red (70%)
- Green (90%)
- Blue (84%)



- Red (70%)
- Yellow (82%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 230, 214 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, 230, 214 by changing the saturation by 10% instead.

 178, 230, 214


255, 255, 255


 234, 255, 255

 178, 230, 214


 151, 202, 186

 124, 174, 159


 98, 148, 133

 73, 122, 108

 49, 97, 84

 24, 73, 61

 0, 50, 39


 0, 30, 18

 0, 0, 0

 178, 230, 214

 178, 230, 214

 155, 230, 207

 201, 230, 221

 132, 230, 200

 224, 230, 228

 109, 230, 193

 247, 230, 235

 86, 230, 186

 255, 230, 242

 63, 230, 179

 255, 230, 249

 40, 230, 172

 255, 230, 255

 17, 230, 164

 0, 230, 159

Harmonies

Analogous

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



196, 227, 196



178, 230, 214



169, 230, 233

Triad

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



178, 230, 214



217, 216, 254



253, 210, 189

Complementary

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



178, 230, 214



230, 178, 194

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, 207, 205



178, 230, 214



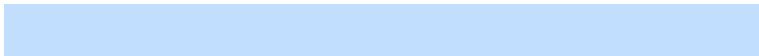
240, 210, 242

Square

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



178, 230, 214



193, 222, 255



255, 206, 224



238, 216, 182

Rectangle

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



178, 230, 214



171, 228, 244



255, 206, 224



255, 209, 194

Sweetspot

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



178, 230, 214



237, 255, 250



194, 230, 178



117, 128, 124



0, 0, 0



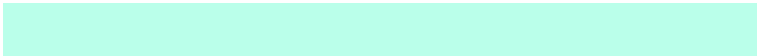
128, 128, 128

Same Dimension

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



178, 230, 214



186, 255, 234



178, 220, 230



103, 115, 111



0, 179, 124



0, 51, 35

Inverse Universe

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



230, 178, 194



255, 186, 207



230, 188, 178



115, 103, 107



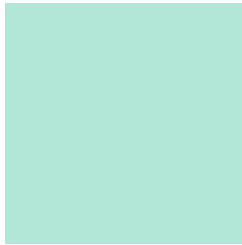
179, 0, 55



51, 0, 16

Previews

White Background



This preview shows how the RGB color 178, 230, 214 looks on a white background.

Color Contrast Check

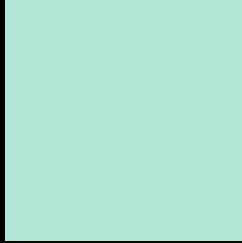
Large Text (above 18pt) WCAG AA × Fail

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, 230, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

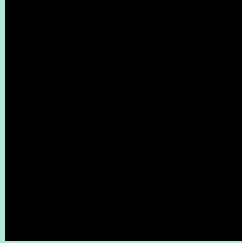
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

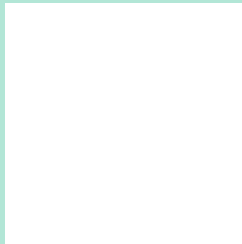
Any Text WCAG AAA ✓ Pass

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

RGB 178, 230, 214 Background



This preview shows how black text looks on a background with the RGB color 178, 230, 214.



This preview shows how white text looks on a background with the RGB color 178, 230, 214.

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





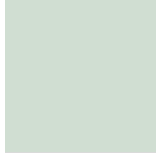
Tritanopia
184, 226, 244

Trichromacy



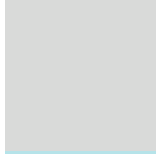
Original Color

178, 230, 214



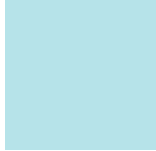
Protanomaly

208, 222, 210



Deuteranomaly

217, 218, 217



Tritanomaly

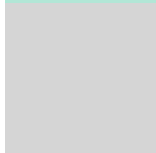
182, 227, 233

Monochromacy



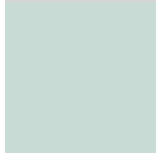
Original Color

178, 230, 214



Achromatopsia

213, 213, 213



Achromatomaly

200, 219, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 230, 214 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, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(178, 230, 214)  
}
```

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, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 230, 214) }
```

Border

The CSS property to change the border of an element to RGB 178, 230, 214 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, 230, 214) }
```

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

```
.border{ border-color:rgb(178, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(178, 230,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 178, 230, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 230, 214) }
```

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

```
.background{ background-color: rgb(178,  
230, 214) }
```

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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