

Converting Colors

RGB(178, 215, 224)

Have a look what the booklet for
RGB(178, 215, 224) contains.

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Color

RGB(178, 215, 224)

Conversions

Conversions Part 1

Format	Color
Hex	B2D7E0
RGB	178, 215, 224
RGB Percent	70%, 84%, 88%
CMY	0.3020, 0.1569, 0.1216
CMYK	0.21, 0.04, 0.00, 0.12
HSL	192°, 43%, 79%
HSV	192°, 21%, 88%
XYZ	56.1151, 63.4477, 79.8101
YIQ	204.9630, -24.9410, -5.0450

Conversions

Conversions Part 2

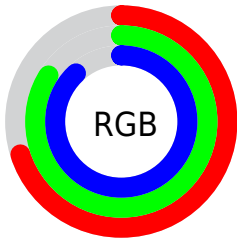
Format	Color
R _{YB}	178, 199, 224
Decimal	11720672
CIE Lab	83.68, -10.19, -8.47
CIE LCh	84, 13.251, 219.733
Yxy	63.4477, 0.2815, 0.3182
Android (android.graphics.Color)	4289910752 (0xFFB2D7E0)
YUV	204.9630, 9.3852, -23.6466
Hunter-Lab	79.6540, -13.6440, -3.6483

Details

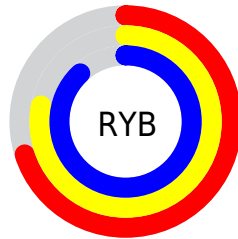
The RGB color **178, 215, 224** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **224, 187, 178**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **234, 255, 255**, and **124, 160, 169** is the 20% darker color. If you saturate the color by 10%, you get **156, 211, 224**, and if you desaturate by 10%, it is **200, 219, 224**.

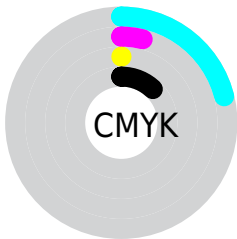
Distribution



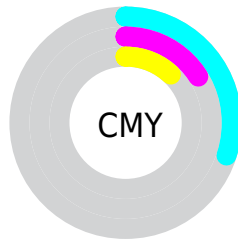
- Red (70%)
- Green (84%)
- Blue (88%)



- Red (70%)
- Yellow (78%)
- Blue (88%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (30%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 215, 224 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, 215, 224 by changing the saturation by 10% instead.


 178, 215, 224


255, 255, 255


 234, 255, 255

 178, 215, 224

 151, 187, 196

 124, 160, 169


 99, 134, 142

 74, 109, 117

 50, 84, 92

 26, 61, 69

 0, 39, 46

 0, 19, 26

 0, 0, 0

 178, 215, 224

 178, 215, 224

 156, 211, 224


 200, 219, 224

 133, 206, 224


 223, 224, 224

 111, 202, 224


 245, 228, 224

 88, 197, 224


 255, 233, 224

 66, 193, 224

 255, 237, 224

 44, 189, 224

 255, 241, 224

 21, 184, 224

 255, 246, 224

 0, 180, 224

 255, 250, 224

 255, 254, 224

Harmonies

Analogous

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



178, 216, 212



178, 215, 224



186, 212, 232

Triad

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



178, 215, 224



229, 201, 217



215, 209, 184

Complementary

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



178, 215, 224



224, 187, 178

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.



227, 205, 186



178, 215, 224



235, 200, 205

Square

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



178, 215, 224



216, 204, 228



234, 202, 193



200, 213, 189

Rectangle

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



178, 215, 224



195, 210, 233



234, 202, 193



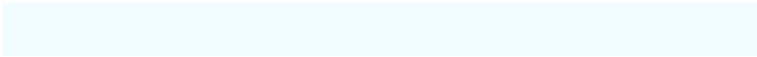
219, 208, 184

Sweetspot

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



178, 215, 224



240, 252, 255



178, 224, 186



119, 126, 128



0, 0, 0



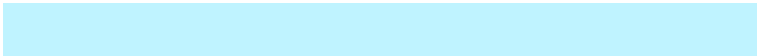
128, 128, 128

Same Dimension

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



178, 215, 224



191, 243, 255



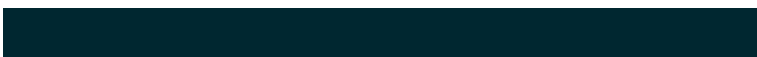
178, 193, 224



101, 110, 112



0, 142, 176



0, 39, 48

Inverse Universe

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



224, 178, 215



255, 191, 243



224, 209, 178



112, 101, 110



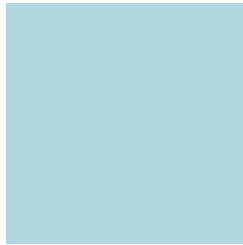
176, 0, 142



48, 0, 39

Previews

White Background



This preview shows how the RGB color 178, 215, 224 looks on a white background.

Color Contrast Check

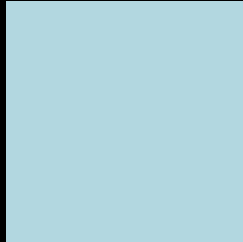
Large Text (above 18pt) WCAG AA × Fail

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, 215, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

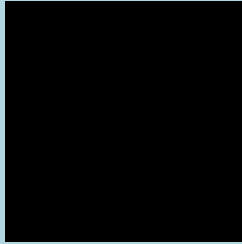
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

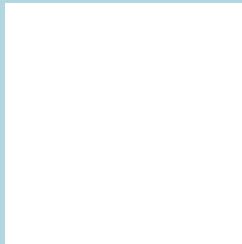
Any Text WCAG AAA ✓ Pass

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

RGB 178, 215, 224 Background



This preview shows how black text looks on a background with the RGB color 178, 215, 224.

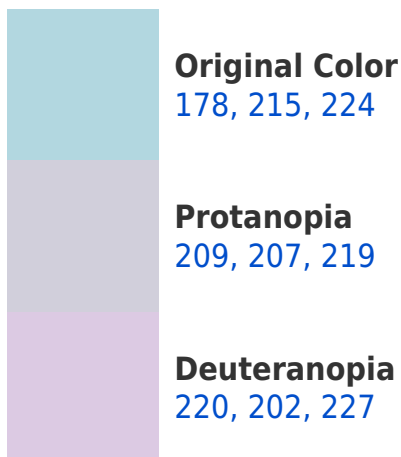


This preview shows how white text looks on a background with the RGB color 178, 215, 224.

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](#).

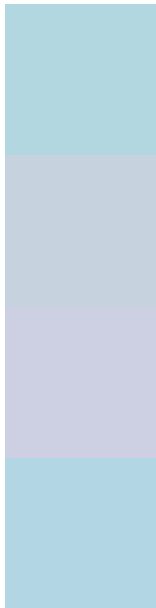
Dichromacy





Tritanopia
179, 214, 231

Trichromacy



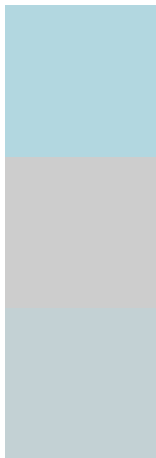
Original Color
178, 215, 224

Protanomaly
198, 210, 221

Deuteranomaly
205, 207, 226

Tritanomaly
179, 214, 228

Monochromacy



Original Color
178, 215, 224

Achromatopsia
205, 205, 205

Achromatomaly
195, 209, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 215, 224 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, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(178, 215, 224)  
}
```

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, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 215, 224) }
```

Border

The CSS property to change the border of an element to RGB 178, 215, 224 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, 215, 224) }
```

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

```
.border{ border-color:rgb(178, 215, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 215, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(178, 215,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 178, 215, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 215, 224) }
```

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

```
.background{ background-color: rgb(178,  
215, 224) }
```

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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