

Converting Colors

RGB(140, 217, 180)

Have a look what the booklet for
RGB(140, 217, 180) contains.

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Color

RGB(140, 217, 180)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8CD9B4 |
| RGB | 140, 217, 180 |
| RGB Percent | 55%, 85%, 71% |
| CMY | 0.4510, 0.1490, 0.2941 |
| CMYK | 0.35, 0.00, 0.17, 0.15 |
| HSL | 151°, 50%, 70% |
| HSV | 151°, 35%, 85% |
| XYZ | 43.8663, 58.4964, 52.1590 |
| YIQ | 189.7590, -34.0150, -27.8310 |

Conversions

Conversions Part 2

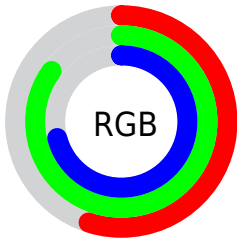
| Format | Color |
|-------------------------------------|---|
| RYB | 140, 191, 217 |
| Decimal | 9230772 |
| CIELab | 81.01, -31.77, 10.78 |
| CIElCh | 81, 33.544, 161.262 |
| Yxy | 58.4964, 0.2839, 0.3786 |
| Android (android.graphics.Color) | 4287420852 (0xFF8CD9B4) |
| YUV | 189.7590, -4.8112, -43.6386 |
| Hunter-Lab | 76.4830, -31.4677, 13.1042 |

Details

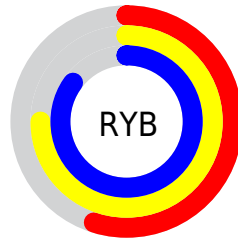
The RGB color **140, 217, 180** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **217, 140, 177**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **196, 255, 236**, and **86, 162, 127** is the 20% darker color. If you saturate the color by 10%, you get **118, 217, 170**, and if you desaturate by 10%, it is **162, 217, 190**.

Distribution



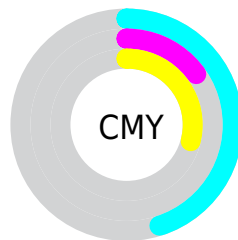
- Red (55%)
- Green (85%)
- Blue (71%)



- Red (55%)
- Yellow (75%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 217, 180 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 140, 217, 180 by changing the saturation by 10% instead.

 140, 217, 180


255, 255, 255


 196, 255, 236


 224, 255, 255


254, 255, 255

 140, 217, 180

 113, 189, 153

 86, 162, 127

 59, 135, 102

 31, 109, 78

 0, 85, 55

 0, 61, 34

 0, 39, 12

 0, 7, 0

 0, 0, 0

 140, 217, 180

 140, 217, 180

 118, 217, 170

 162, 217, 190

 97, 217, 159

 183, 217, 201

 75, 217, 149

 205, 217, 211

 53, 217, 138

 227, 217, 222

 32, 217, 128

 249, 217, 232

 10, 217, 117

 255, 217, 243

 0, 217, 113

 255, 217, 253

 255, 217, 255

Harmonies

Analogous

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



177, 212, 153



140, 217, 180



109, 219, 212

Triad

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



140, 217, 180



178, 200, 255



255, 183, 161

Complementary

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



140, 217, 180



217, 140, 177

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, 178, 190



140, 217, 180



221, 189, 248

Square

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



140, 217, 180



132, 210, 255



251, 180, 222



241, 192, 142

Rectangle

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



140, 217, 180



101, 218, 233



251, 180, 222



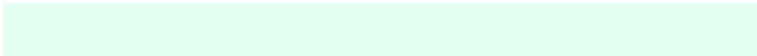
255, 180, 170

Sweetspot

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



140, 217, 180



227, 255, 242



177, 217, 140



111, 128, 120



0, 0, 0



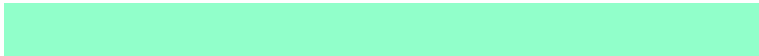
128, 128, 128

Same Dimension

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



140, 217, 180



145, 255, 202



140, 216, 217



99, 110, 104



0, 173, 90



0, 46, 24

Inverse Universe

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



217, 140, 177



255, 145, 198



217, 141, 140



110, 99, 104



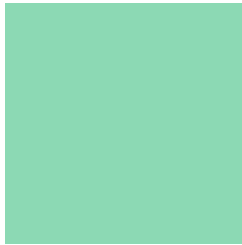
173, 0, 83



46, 0, 22

Previews

White Background



This preview shows how the RGB color 140, 217, 180 looks on a white background.

Color Contrast Check

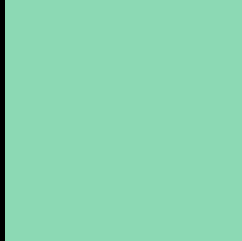
Large Text (above 18pt) WCAG AA × Fail

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 140, 217, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

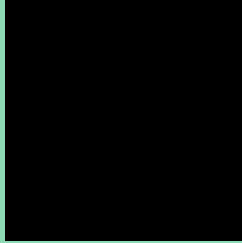
Any Text WCAG AA ✓ Pass

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 140, 217, 180 Background



This preview shows how black text looks on a background with the RGB color 140, 217, 180.

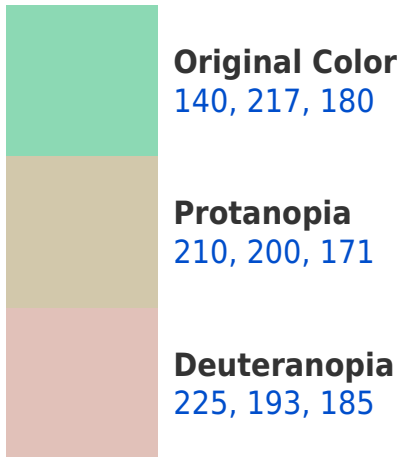


This preview shows how white text looks on a background with the RGB color 140, 217, 180.

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
150, 210, 227

Trichromacy



Original Color

140, 217, 180



Protanomaly

185, 206, 174



Deuteranomaly

194, 202, 183



Tritanomaly

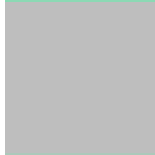
146, 213, 210

Monochromacy



Original Color

140, 217, 180



Achromatopsia

190, 190, 190



Achromatomaly

172, 200, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 217, 180 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(140, 217, 180)` looks like.

```
.text, #text, p{  
    color:rgb(140, 217, 180)  
}
```

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(140, 217, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 217, 180) }
```

Border

The CSS property to change the border of an element to RGB 140, 217, 180 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(140, 217, 180) }
```

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

```
.border{ border-color:rgb(140, 217, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 217, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 217, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 217, 180);  
box-shadow:4px 4px 4px 4px rgb(140, 217,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 140, 217, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 217, 180) }
```

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

```
.background{ background-color: rgb(140,  
217, 180) }
```

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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