

Converting Colors

RGB(140, 205, 181)

Have a look what the booklet for
RGB(140, 205, 181) contains.

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Color

RGB(140, 205, 181)

Conversions

Conversions Part 1

Format	Color
Hex	8CCDB5
RGB	140, 205, 181
RGB Percent	55%, 80%, 71%
CMY	0.4510, 0.1961, 0.2902
CMYK	0.32, 0.00, 0.12, 0.20
HSL	158°, 39%, 68%
HSV	158°, 32%, 80%
XYZ	40.9870, 52.5743, 51.7037
YIQ	182.8290, -31.0360, -21.2440

Conversions

Conversions Part 2

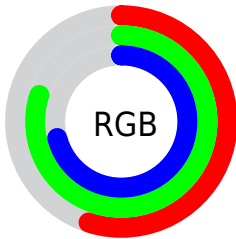
Format	Color
RYB	140, 180, 205
Decimal	9227701
CIELab	77.62, -25.80, 5.39
CIElCh	78, 26.352, 168.207
Yxy	52.5743, 0.2822, 0.3619
Android (android.graphics.Color)	4287417781 (0xFF8CCDB5)
YUV	182.8290, -0.9017, -37.5610
Hunter-Lab	72.5081, -25.9876, 8.4775

Details

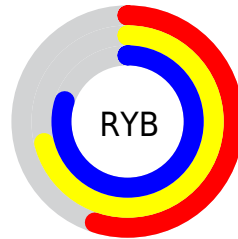
The RGB color **140, 205, 181** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 140, 164**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **195, 255, 237**, and **87, 150, 128** is the 20% darker color. If you saturate the color by 10%, you get **120, 205, 173**, and if you desaturate by 10%, it is **161, 205, 189**.

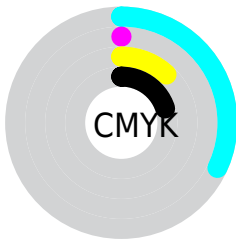
Distribution



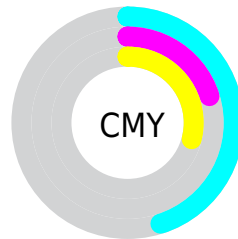
- Red (55%)
- Green (80%)
- Blue (71%)



- Red (55%)
- Yellow (71%)
- Blue (80%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (45%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 205, 181 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, 205, 181 by changing the saturation by 10% instead.

 140, 205, 181


255, 255, 255


 195, 255, 237


 224, 255, 255

253, 255, 255

 140, 205, 181

 113, 177, 154

 87, 150, 128

 61, 124, 103

 35, 99, 79

 1, 75, 56

 0, 52, 35

 0, 32, 13

 0, 0, 0


 140, 205, 181

 140, 205, 181

 120, 205, 173

 161, 205, 189

 99, 205, 166

 181, 205, 196

 79, 205, 158

 202, 205, 204

 58, 205, 151

 222, 205, 211

 38, 205, 143

 243, 205, 219

 17, 205, 136

 255, 205, 226

 0, 205, 129

 255, 205, 234

 255, 205, 242

 255, 205, 249

Harmonies

Analogous

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



167, 201, 159



140, 205, 181



123, 206, 206

Triad

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



140, 205, 181



183, 189, 238



236, 179, 156

Complementary

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



140, 205, 181



205, 140, 164

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.



242, 175, 178



140, 205, 181



214, 181, 225

Square

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



140, 205, 181



149, 197, 239



235, 175, 203



219, 187, 144

Rectangle

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



140, 205, 181



122, 204, 221



235, 175, 203



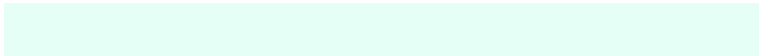
239, 177, 163

Sweetspot

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



140, 205, 181



230, 255, 246



165, 205, 140



112, 128, 122



0, 0, 0



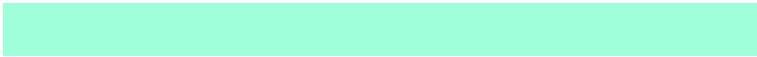
128, 128, 128

Same Dimension

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



140, 205, 181



158, 255, 219



140, 197, 205



92, 102, 98



0, 166, 105



0, 38, 24

Inverse Universe

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



205, 140, 164



255, 158, 194



205, 148, 140



102, 92, 96



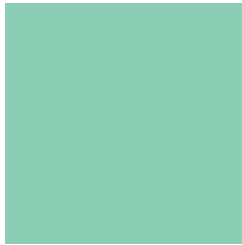
166, 0, 61



38, 0, 14

Previews

White Background



This preview shows how the RGB color 140, 205, 181 looks on a white background.

Color Contrast Check

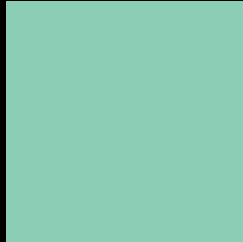
Large Text (above 18pt) WCAG AA × Fail

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, 205, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

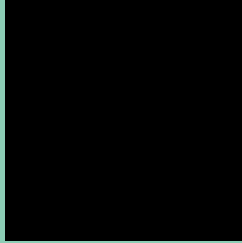
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

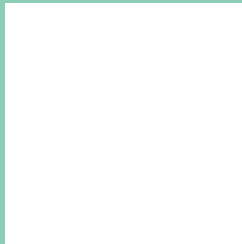
Any Text WCAG AAA ✓ Pass

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

RGB 140, 205, 181 Background



This preview shows how black text looks on a background with the RGB color 140, 205, 181.

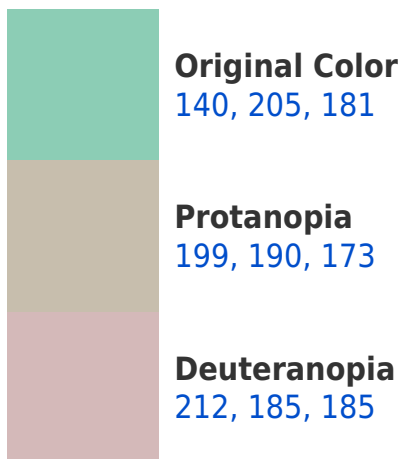


This preview shows how white text looks on a background with the RGB color 140, 205, 181.

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
148, 200, 216

Trichromacy



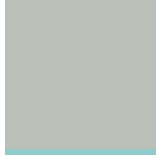
Original Color

140, 205, 181



Protanomaly

178, 195, 176



Deuteranomaly

186, 192, 184



Tritanomaly

145, 202, 203

Monochromacy



Original Color

140, 205, 181



Achromatopsia

183, 183, 183



Achromatomaly

167, 191, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 205, 181 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, 205, 181)` looks like.

```
.text, #text, p{  
    color:rgb(140, 205, 181)  
}
```

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, 205, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 205, 181) }
```

Border

The CSS property to change the border of an element to RGB 140, 205, 181 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, 205, 181) }
```

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

```
.border{ border-color:rgb(140, 205, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 205, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 205, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 205, 181);  
box-shadow:4px 4px 4px 4px rgb(140, 205,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 140, 205, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 205, 181) }
```

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

```
.background{ background-color: rgb(140,  
205, 181) }
```

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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