

Converting Colors

RGB(136, 198, 178)

Have a look what the booklet for
RGB(136, 198, 178) contains.

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Color

RGB(136, 198, 178)

Conversions

Conversions Part 1

Format	Color
Hex	88C6B2
RGB	136, 198, 178
RGB Percent	53%, 78%, 70%
CMY	0.4667, 0.2235, 0.3020
CMYK	0.31, 0.00, 0.10, 0.22
HSL	161°, 35%, 65%
HSV	161°, 31%, 78%
XYZ	38.3833, 48.8368, 49.5229
YIQ	177.1820, -30.5320, -19.3640

Conversions

Conversions Part 2

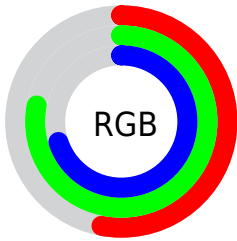
Format	Color
RYB	136, 173, 198
Decimal	8963762
CIELab	75.35, -24.17, 3.69
CIElCh	75, 24.452, 171.317
Yxy	48.8368, 0.2807, 0.3571
Android (android.graphics.Color)	4287153842 (0xFF88C6B2)
YUV	177.1820, 0.4033, -36.1166
Hunter-Lab	69.8833, -24.2549, 6.9024

Details

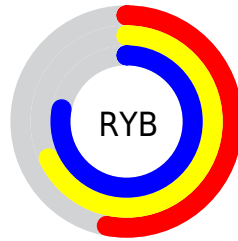
The RGB color **136, 198, 178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **198, 136, 156**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **191, 255, 234**, and **84, 144, 125** is the 20% darker color. If you saturate the color by 10%, you get **116, 198, 172**, and if you desaturate by 10%, it is **156, 198, 184**.

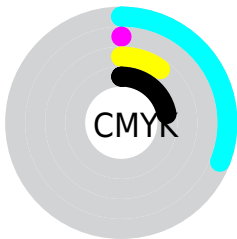
Distribution



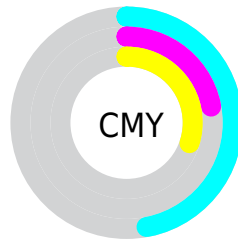
- Red (53%)
- Green (78%)
- Blue (70%)



- Red (53%)
- Yellow (68%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 198, 178 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 136, 198, 178 by changing the saturation by 10% instead.


 136, 198, 178

 136, 198, 178


255, 255, 255

 109, 171, 151


 191, 255, 234

 84, 144, 125

 219, 255, 255


 58, 118, 100

 248, 255, 255

 31, 93, 77

 0, 69, 54

 0, 46, 33

 0, 27, 9


 0, 0, 0


 136, 198, 178


 136, 198, 178

 116, 198, 172


 156, 198, 184

 96, 198, 165


 176, 198, 191

 77, 198, 159


 195, 198, 197

 57, 198, 152

 215, 198, 204

 37, 198, 146

 235, 198, 210

 17, 198, 140

 255, 198, 216

 0, 198, 134

 255, 198, 223

 255, 198, 229

 255, 198, 235

Harmonies

Analogous

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



160, 195, 157



136, 198, 178



122, 198, 201

Triad

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



136, 198, 178



181, 182, 227



225, 175, 151

Complementary

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



136, 198, 178



198, 136, 156

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.



232, 170, 170



136, 198, 178



208, 175, 214

Square

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



136, 198, 178



150, 190, 230



226, 170, 193



209, 182, 141

Rectangle

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



136, 198, 178



123, 197, 215



226, 170, 193



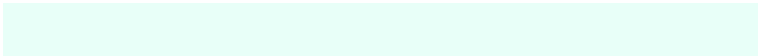
229, 173, 157

Sweetspot

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



136, 198, 178



232, 255, 248



157, 198, 136



113, 128, 123



0, 0, 0



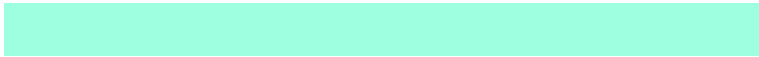
128, 128, 128

Same Dimension

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



136, 198, 178



158, 255, 224



136, 188, 198



90, 99, 96



0, 163, 111



0, 36, 24

Inverse Universe

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



198, 136, 156



255, 158, 189



198, 146, 136



99, 90, 93



163, 0, 53



36, 0, 12

Previews

White Background



This preview shows how the RGB color 136, 198, 178 looks on a white background.

Color Contrast Check

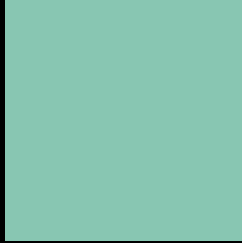
Large Text (above 18pt) WCAG AA × Fail

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 136, 198, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

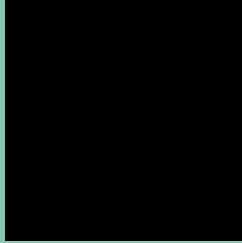
Any Text WCAG AA ✓ Pass

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 136, 198, 178 Background



This preview shows how black text looks on a background with the RGB color 136, 198, 178.

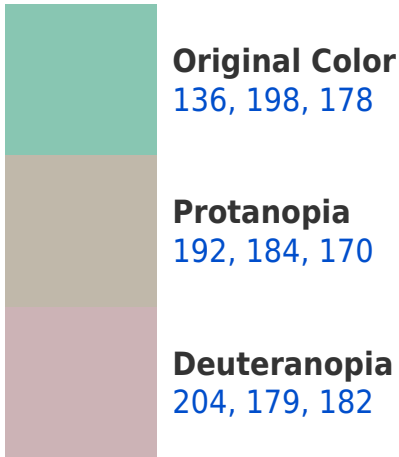


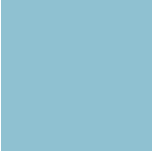
This preview shows how white text looks on a background with the RGB color 136, 198, 178.

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
143, 193, 209

Trichromacy



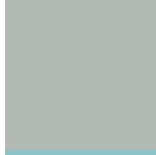
Original Color

136, 198, 178



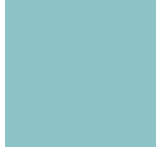
Protanomaly

172, 189, 173



Deuteranomaly

179, 186, 181



Tritanomaly

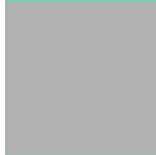
140, 195, 198

Monochromacy



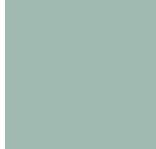
Original Color

136, 198, 178



Achromatopsia

177, 177, 177



Achromatomaly

162, 185, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 198, 178 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(136, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(136, 198, 178)  
}
```

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(136, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 198, 178) }
```

Border

The CSS property to change the border of an element to RGB 136, 198, 178 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(136, 198, 178) }
```

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

```
.border{ border-color:rgb(136, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(136, 198,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 136, 198, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 198, 178) }
```

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

```
.background{ background-color: rgb(136,  
198, 178) }
```

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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