

Converting Colors

RGB(135, 176, 176)

Have a look what the booklet for
RGB(135, 176, 176) contains.

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Color

RGB(135, 176, 176)

Conversions

Conversions Part 1

Format	Color
Hex	87B0B0
RGB	135, 176, 176
RGB Percent	53%, 69%, 69%
CMY	0.4706, 0.3098, 0.3098
CMYK	0.23, 0.00, 0.00, 0.31
HSL	180°, 21%, 61%
HSV	180°, 23%, 69%
XYZ	33.3535, 39.3362, 46.9090
YIQ	163.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

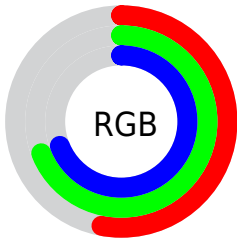
Format	Color
R _{YB}	135, 156, 176
Decimal	8892592
CIE Lab	68.99, -13.68, -4.51
CIE LCh	69, 14.406, 198.249
Yxy	39.3362, 0.2789, 0.3289
Android (android.graphics.Color)	4287082672 (0xFF87B0B0)
YUV	163.7410, 6.0437, -25.2059
Hunter-Lab	62.7185, -14.8318, -0.4417

Details

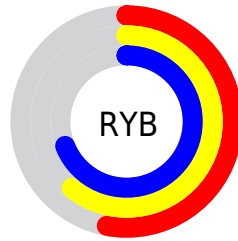
The RGB color **135, 176, 176** is a light color, and the websafe version is hex **669999**. A complement of this color would be **176, 135, 135**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **189, 232, 232**, and **84, 123, 124** is the 20% darker color. If you saturate the color by 10%, you get **117, 176, 176**, and if you desaturate by 10%, it is **153, 176, 176**.

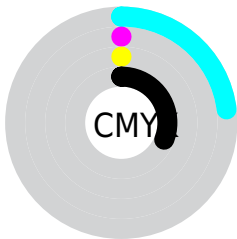
Distribution



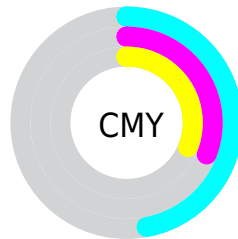
- Red (53%)
- Green (69%)
- Blue (69%)



- Red (53%)
- Yellow (61%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (47%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 176, 176 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 135, 176, 176 by changing the saturation by 10% instead.

 135, 176, 176

255, 255, 255


 189, 232, 232

 217, 255, 255

 246, 255, 255

 135, 176, 176

 109, 149, 149

 84, 123, 124

 59, 98, 99

 35, 75, 75

 9, 52, 52

 0, 31, 31

 0, 0, 7


 0, 0, 0


 135, 176, 176


 135, 176, 176

 117, 176, 176


 153, 176, 176

 100, 176, 176


 170, 176, 176

 82, 176, 176


 188, 176, 176


 65, 176, 176


 205, 176, 176

 47, 176, 176

 223, 176, 176

 29, 176, 176

 241, 176, 176

 12, 176, 176

 255, 176, 176

 0, 176, 176

Harmonies

Analogous

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



142, 176, 163



135, 176, 176



137, 174, 187

Triad

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



135, 176, 176



180, 163, 186



184, 166, 143

Complementary

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



135, 176, 176



176, 135, 135

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.



193, 162, 149



135, 176, 176



192, 160, 174

Square

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



135, 176, 176



164, 167, 193



196, 160, 161



170, 170, 144

Rectangle

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



135, 176, 176



144, 172, 192



196, 160, 161



188, 164, 145

Sweetspot

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



135, 176, 176



213, 230, 230



135, 176, 135



106, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



135, 176, 176



165, 230, 230



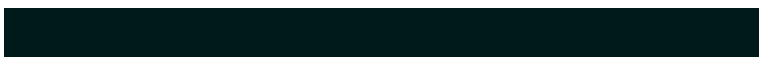
135, 156, 176



80, 89, 89



0, 153, 153



0, 26, 26

Inverse Universe

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



176, 135, 176



230, 165, 230



176, 156, 135



89, 80, 89



153, 0, 153



26, 0, 26

Previews

White Background



This preview shows how the RGB color 135, 176, 176 looks on a white background.

Color Contrast Check

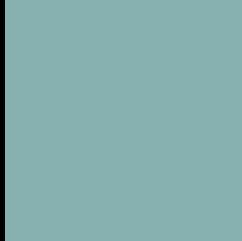
Large Text (above 18pt) WCAG AA × Fail

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 135, 176, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

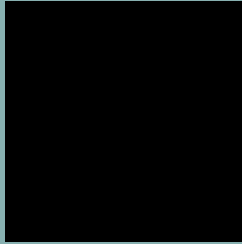
Any Text WCAG AA ✓ Pass

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 135, 176, 176 Background



This preview shows how black text looks on a background with the RGB color 135, 176, 176.

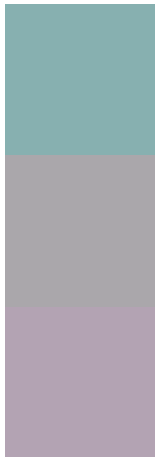


This preview shows how white text looks on a background with the RGB color 135, 176, 176.

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



Original Color
135, 176, 176

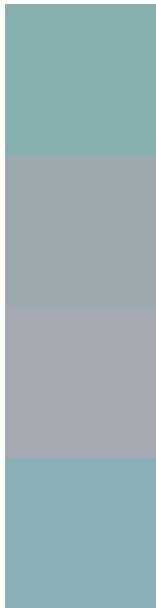
Protanopia
170, 167, 171

Deuteranopia
179, 163, 179



Tritanopia
138, 174, 188

Trichromacy



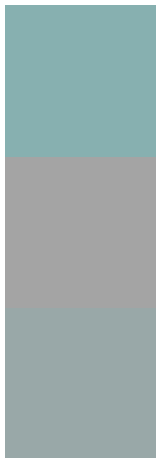
Original Color
135, 176, 176

Protanomaly
157, 170, 173

Deuteranomaly
163, 168, 178

Tritanomaly
137, 175, 184

Monochromacy



Original Color
135, 176, 176

Achromatopsia
164, 164, 164

Achromatomaly
153, 168, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 176, 176 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(135, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(135, 176, 176)  
}
```

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(135, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 176, 176) }
```

Border

The CSS property to change the border of an element to RGB 135, 176, 176 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(135, 176, 176) }
```

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

```
.border{ border-color:rgb(135, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 176, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 176, 176);  
box-shadow:4px 4px 4px 4px rgb(135, 176,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 135, 176, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 176, 176) }
```

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

```
.background{ background-color: rgb(135,  
176, 176) }
```

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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