

Converting Colors

RGB(137, 177, 171)

Have a look what the booklet for
RGB(137, 177, 171) contains.

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Color

RGB(137, 177, 171)

Conversions

Conversions Part 1

Format	Color
Hex	89B1AB
RGB	137, 177, 171
RGB Percent	54%, 69%, 67%
CMY	0.4627, 0.3059, 0.3294
CMYK	0.23, 0.00, 0.03, 0.31
HSL	171°, 20%, 62%
HSV	171°, 23%, 69%
XYZ	33.3894, 39.7029, 44.4317
YIQ	164.3560, -21.9140, -10.3460

Conversions

Conversions Part 2

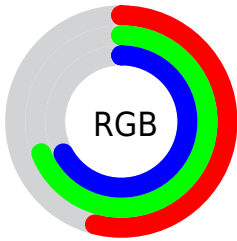
Format	Color
RYB	137, 159, 177
Decimal	9023915
CIELab	69.26, -14.69, -1.35
CIElCh	69, 14.752, 185.250
Yxy	39.7029, 0.2841, 0.3378
Android (android.graphics.Color)	4287213995 (0xFF89B1AB)
YUV	164.3560, 3.2755, -23.9912
Hunter-Lab	63.0103, -15.6802, 2.2988

Details

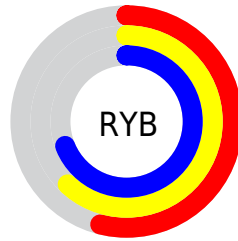
The RGB color **137, 177, 171** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177, 137, 143**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **191, 233, 226**, and **86, 124, 119** is the 20% darker color. If you saturate the color by 10%, you get **119, 177, 168**, and if you desaturate by 10%, it is **155, 177, 174**.

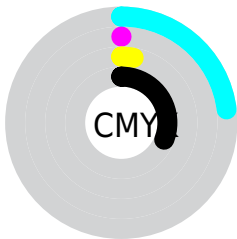
Distribution



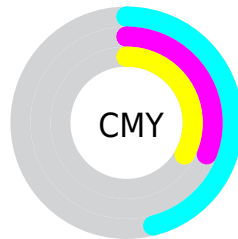
- Red (54%)
- Green (69%)
- Blue (67%)



- Red (54%)
- Yellow (62%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (46%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 177, 171 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 137, 177, 171 by changing the saturation by 10% instead.

 137, 177, 171


255, 255, 255


 191, 233, 226

 219, 255, 255

 248, 255, 255

 137, 177, 171

 111, 150, 145

 86, 124, 119

 62, 99, 94

 38, 75, 71


 14, 52, 48

 0, 31, 27

 0, 0, 0


 0, 0, 0


 137, 177, 171


 137, 177, 171


 119, 177, 168


 155, 177, 174

 102, 177, 166


 172, 177, 176

 84, 177, 163


 190, 177, 179

 66, 177, 160


 208, 177, 182

 48, 177, 158

 225, 177, 184

 31, 177, 155

 243, 177, 187

 13, 177, 152

 255, 177, 190

 0, 177, 150

 255, 177, 192

 255, 177, 195

Harmonies

Analogous

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



148, 176, 158



137, 177, 171



135, 176, 184

Triad

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



137, 177, 171



175, 165, 191



190, 165, 145

Complementary

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



137, 177, 171



177, 137, 143

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.



197, 161, 154



137, 177, 171



189, 161, 181

Square

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



137, 177, 171



157, 169, 195



197, 160, 167



177, 169, 143

Rectangle

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



137, 177, 171



139, 175, 191



197, 160, 167



193, 163, 148

Sweetspot

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



137, 177, 171



213, 230, 227



143, 177, 137



106, 115, 113



242, 242, 242



115, 115, 115

Same Dimension

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



137, 177, 171



168, 230, 220



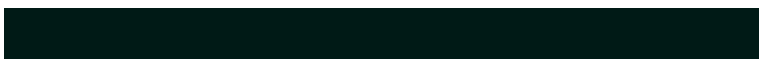
137, 164, 177



80, 89, 88



0, 153, 130



0, 26, 22

Inverse Universe

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



177, 137, 143



230, 168, 177



177, 151, 137



89, 80, 82



153, 0, 23



26, 0, 4

Previews

White Background



This preview shows how the RGB color 137, 177, 171 looks on a white background.

Color Contrast Check

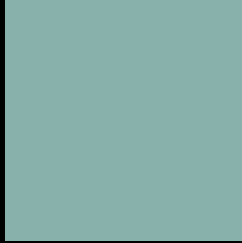
Large Text (above 18pt) WCAG AA × Fail

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 137, 177, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

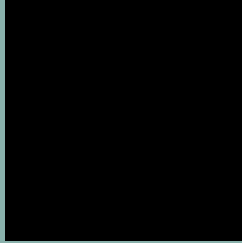
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

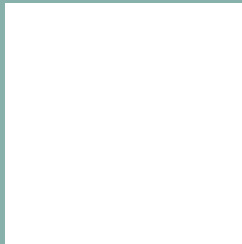
Any Text WCAG AAA ✓ Pass

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

RGB 137, 177, 171 Background



This preview shows how black text looks on a background with the RGB color 137, 177, 171.

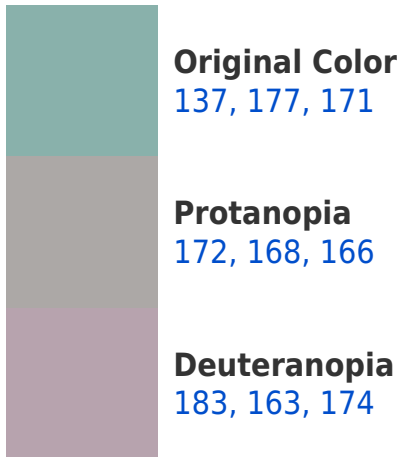


This preview shows how white text looks on a background with the RGB color 137, 177, 171.

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
140, 174, 188

Trichromacy



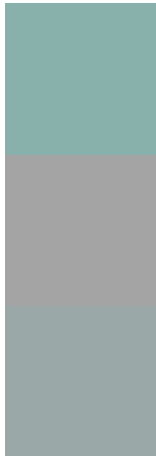
Original Color
137, 177, 171

Protanomaly
159, 171, 168

Deuteranomaly
166, 168, 173

Tritanomaly
139, 175, 182

Monochromacy



Original Color
137, 177, 171

Achromatopsia
164, 164, 164

Achromatomaly
154, 169, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 177, 171 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(137, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(137, 177, 171)  
}
```

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(137, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 177, 171) }
```

Border

The CSS property to change the border of an element to RGB 137, 177, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

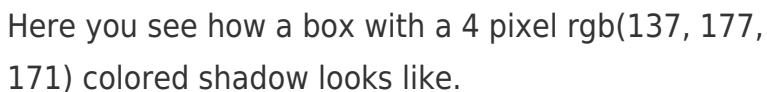
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 177, 171) }
```

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

```
.border{ border-color:rgb(137, 177, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 177, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 177, 171); box-shadow:4px 4px 4px 4px rgb(137, 177, 171) }
```

Background

The CSS property to change the background color of an element to RGB 137, 177, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 177, 171) }
```

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

```
.background{ background-color: rgb(137,  
177, 171) }
```

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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