Converting Colors

RGB(147, 177, 171)

Have a look what the booklet for RGB(147, 177, 171) contains.

Color

RGB(147, 177, 171)

Conversions

Conversions Part 1

Format	Color
Hex	93B1AB
RGB	147, 177, 171
RGB Percent	58%, 69%, 67%
CMY	0.4235, 0.3059, 0.3294
CMYK	0.17, 0.00, 0.03, 0.31
HSL	168°, 16%, 64%
HSV	168°, 17%, 69%
XYZ	35.1054, 40.5876, 44.5120
YIQ	167.3460, -15.9540, -8.2260

Conversions

Conversions Part 2

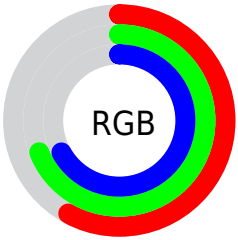
Format	Color
RYB	147, 164, 177
Decimal	9679275
CIELab	69.89, -11.46, -0.36
CIELCh	70, 11.462, 181.777
Yxy	40.5876, 0.2920, 0.3377
Android (android.graphics.Color)	4287869355 (0xFF93B1AB)
YUV	167.3460, 1.8014, -17.8434
Hunter-Lab	63.7084, -13.1303, 3.1709

Details

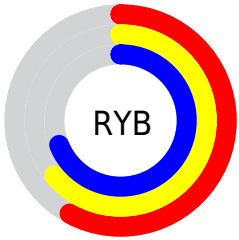
The RGB color 147, 177, 171 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 177, 147, 153, and the grayscale version is 167, 167, 167.

A 20% lighter version of the original color is 201, 233, 226, and 96, 124, 119 is the 20% darker color. If you saturate the color by 10%, you get 129, 177, 167, and if you desaturate by 10%, it is 165, 177, 175.

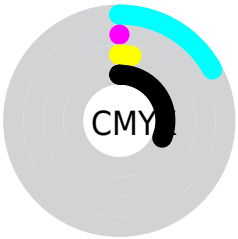
Distribution



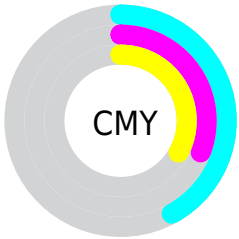
- Red (58%)
- Green (69%)
- Blue (67%)



- Red (58%)
- Yellow (64%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (42%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 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 147, 177, 171 by changing the saturation by 10% instead.

147, 177, 171

255, 255, 255

201, 233, 226

230, 255, 255

147, 177, 171

121, 150, 145

96, 124, 119

72, 99, 94

49, 75, 71

26, 53, 48

5, 31, 27

0, 0, 0

0, 0, 0

147, 177, 171

147, 177, 171

129, 177, 167	165, 177, 175
112, 177, 164	182, 177, 178
94, 177, 160	200, 177, 182
76, 177, 157	218, 177, 185
59, 177, 153	235, 177, 189
41, 177, 150	253, 177, 192
23, 177, 146	255, 177, 196
5, 177, 143	255, 177, 199
0, 177, 142	255, 177, 203

Harmonies

Analogous

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

155, 176, 161

147, 177, 171

145, 177, 181

Triad

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

147, 177, 171

174, 168, 188

188, 167, 153

Complementary

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

147, 177, 171

177, 147, 153

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, 164, 160

147, 177, 171

185, 165, 181

Square

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

147, 177, 171

161, 171, 191

192, 164, 170

179, 170, 150

Rectangle

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

147, 177, 171

147, 175, 187

192, 164, 170

190, 166, 155

Sweetspot

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

147, 177, 171

218, 230, 227

153, 177, 147

108, 115, 113

242, 242, 242

115, 115, 115

Same Dimension

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

147, 177, 171

184, 230, 220

147, 168, 177

80, 89, 87

0, 153, 122

0, 26, 20

Inverse Universe

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

177, 147, 153

230, 184, 193

177, 156, 147

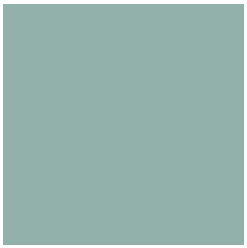
89, 80, 82

153, 0, 31

26, 0, 5

Previews

White Background

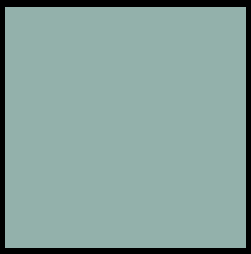


This preview shows how the RGB color 147, 177, 171 looks on a white background.

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



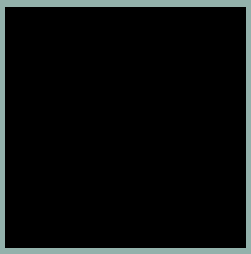
This preview shows how the RGB color 147, 177, 171 looks on a black background.

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 147, 177, 171 Background



This preview shows how black text looks on a background with the RGB color 147, 177, 171.

This preview shows how white text looks on a background with the RGB color 147, 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

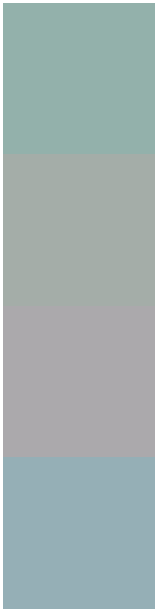
Original Color
147, 177, 171

Protanopia
174, 170, 167

Deuteranopia
185, 165, 173

Tritanopia
150, 174, 188

Trichromacy



Original Color
147, 177, 171

Protanomaly
164, 173, 168

Deuteranomaly
171, 169, 172

Tritanomaly
149, 175, 182

Monochromacy

Original Color
147, 177, 171

Achromatopsia
167, 167, 167

Achromatomaly
160, 171, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 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(147, 177, 171) looks like.

```
.text, #text, p{
    color:rgb(147, 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(147, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 177, 171) }
```

Border

The CSS property to change the border of an element to RGB 147, 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(147, 177, 171) }
```

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

```
.border{ border-color:rgb(147, 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(147, 177, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 177, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 177, 171); box-shadow:4px 4px 4px 4px rgb(147, 177, 171) }
```

Background

The CSS property to change the background color of an element to RGB 147, 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(147, 177, 171) }
```

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

```
.background{ background-color:rgb(147,
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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