

Converting Colors

RGB(147, 176, 171)

Have a look what the booklet for
RGB(147, 176, 171) contains.

RGB(147, 176, 171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(147, 176, 171)

Conversions

Conversions Part 1

Format	Color
Hex	93B0AB
RGB	147, 176, 171
RGB Percent	58%, 69%, 67%
CMY	0.4235, 0.3098, 0.3294
CMYK	0.16, 0.00, 0.03, 0.31
HSL	170°, 16%, 63%
HSV	170°, 16%, 69%
XYZ	34.9086, 40.1940, 44.4464
YIQ	166.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

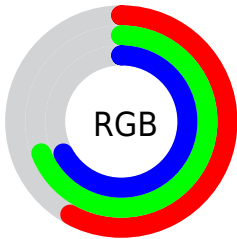
Format	Color
RYB	147, 163, 176
Decimal	9679019
CIELab	69.61, -10.93, -0.76
CIELCh	70, 10.954, 183.993
Yxy	40.1940, 0.2920, 0.3362
Android (android.graphics.Color)	4287869099 (0xFF93B0AB)
YUV	166.7590, 2.0908, -17.3286
Hunter-Lab	63.3987, -12.6620, 2.8132

Details

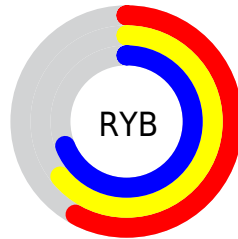
The RGB color **147, 176, 171** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176, 147, 152**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **201, 232, 226**, and **96, 123, 119** is the 20% darker color. If you saturate the color by 10%, you get **129, 176, 168**, and if you desaturate by 10%, it is **165, 176, 174**.

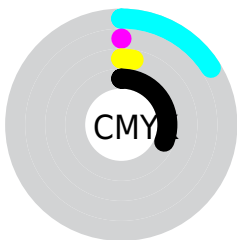
Distribution



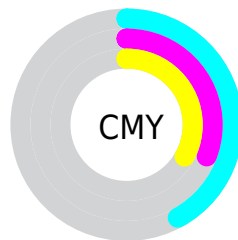
- Red (58%)
- Green (69%)
- Blue (67%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 176, 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, 176, 171 by changing the saturation by 10% instead.


 147, 176, 171


255, 255, 255

 201, 232, 226

 230, 255, 255

 147, 176, 171

 121, 149, 145

 96, 123, 119

 72, 99, 94


 49, 75, 71

 26, 52, 48

 5, 31, 27

 0, 0, 0


 0, 0, 0


 147, 176, 171


 147, 176, 171


 129, 176, 168


 165, 176, 174

 112, 176, 165


 182, 176, 177

 94, 176, 162


 200, 176, 180

 77, 176, 159


 217, 176, 183

 59, 176, 156

 235, 176, 186

 41, 176, 153

 253, 176, 189

 24, 176, 150

 255, 176, 192

 6, 176, 147

 255, 176, 195

 0, 176, 146

 255, 176, 198

Harmonies

Analogous

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



155, 175, 161



147, 176, 171



145, 175, 181

Triad

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



147, 176, 171



174, 167, 186



186, 167, 152

Complementary

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



147, 176, 171



176, 147, 152

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.



191, 164, 159



147, 176, 171



184, 164, 179

Square

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



147, 176, 171



161, 170, 190



191, 163, 169



177, 170, 150

Rectangle

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



147, 176, 171



148, 174, 186



191, 163, 169



188, 166, 154

Sweetspot

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



147, 176, 171



218, 230, 228



152, 176, 147



108, 115, 114



242, 242, 242



115, 115, 115

Same Dimension

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



147, 176, 171



184, 230, 222



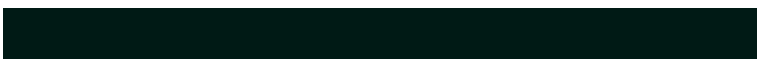
147, 167, 176



80, 89, 88



0, 153, 127



0, 26, 21

Inverse Universe

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



176, 147, 152



230, 184, 192



176, 156, 147



89, 80, 82



153, 0, 26



26, 0, 4

Previews

White Background



This preview shows how the RGB color 147, 176, 171 looks on a white background.

Color Contrast Check

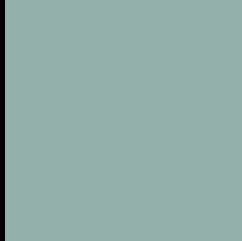
Large Text (above 18pt) WCAG AA × Fail

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, 176, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

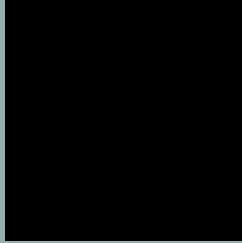
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

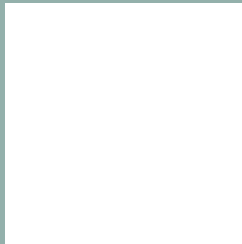
Any Text WCAG AAA ✓ Pass

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

RGB 147, 176, 171 Background



This preview shows how black text looks on a background with the RGB color 147, 176, 171.



This preview shows how white text looks on a background with the RGB color 147, 176, 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](#).

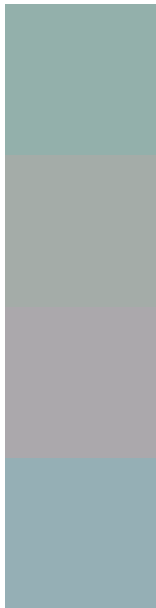
Dichromacy





Tritanopia
150, 174, 187

Trichromacy



Original Color

147, 176, 171

Protanomaly

164, 172, 168

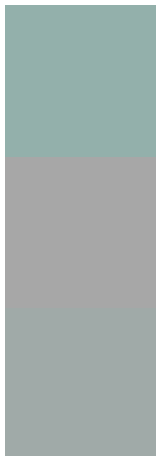
Deuteranomaly

171, 168, 172

Tritanomaly

149, 175, 181

Monochromacy



Original Color

147, 176, 171

Achromatopsia

167, 167, 167

Achromatomaly

160, 170, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 176, 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, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(147, 176, 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, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 176, 171) }
```

Border

The CSS property to change the border of an element to RGB 147, 176, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

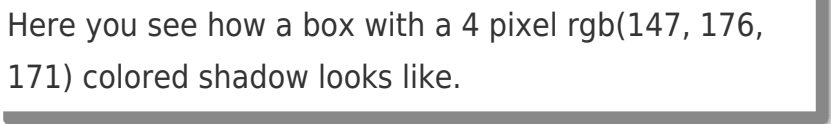
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 176, 171) }
```

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

```
.border{ border-color:rgb(147, 176, 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, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 176, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 176, 171); box-shadow:4px 4px 4px 4px rgb(147, 176, 171) }
```

Background

The CSS property to change the background color of an element to RGB 147, 176, 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, 176, 171) }
```

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

```
.background{ background-color: rgb(147,  
176, 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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