Converting Colors

RGB(136, 181, 171)

Have a look what the booklet for RGB(136, 181, 171) contains.

Color

RGB(136, 181, 171)

Conversions

Conversions Part 1

Format	Color
Hex	88B5AB
RGB	136, 181, 171
RGB Percent	53%, 71%, 67%
CMY	0.4667, 0.2902, 0.3294
CMYK	0.25, 0.00, 0.06, 0.29
HSL	167°, 23%, 62%
HSV	167°, 25%, 71%
XYZ	34.0279, 41.2223, 44.6913
YIQ	166.4050, -23.6100, -12.6500

Conversions

Conversions Part 2

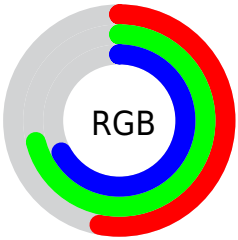
Format	Color
RYB	136, 161, 181
Decimal	8959403
CIELab	70.33, -17.08, 0.21
CIELCh	70, 17.086, 179.285
Yxy	41.2223, 0.2837, 0.3437
Android (android.graphics.Color)	4287149483 (0xFF88B5AB)
YUV	166.4050, 2.2653, -26.6652
Hunter-Lab	64.2046, -17.7544, 3.6728

Details

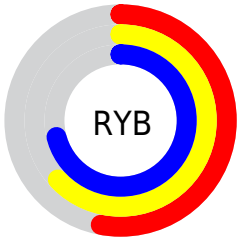
The RGB color 136, 181, 171 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 181, 136, 146, and the grayscale version is 166, 166, 166.

A 20% lighter version of the original color is 190, 237, 226, and 85, 128, 119 is the 20% darker color. If you saturate the color by 10%, you get 118, 181, 167, and if you desaturate by 10%, it is 154, 181, 175.

Distribution

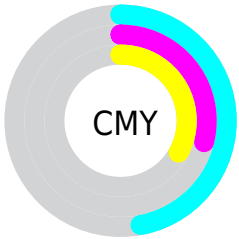


- Red (53%)
- Green (71%)
- Blue (67%)



- Red (53%)
- Yellow (63%)
- Blue (71%)

- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (47%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 181, 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 136, 181, 171 by changing the saturation by 10% instead.

136, 181, 171

255, 255, 255

190, 237, 226

218, 255, 255

247, 255, 255

136, 181, 171

110, 154, 145

85, 128, 119

60, 103, 94

36, 79, 71

10, 56, 48

0, 34, 27

0, 2, 1

0, 0, 0

136, 181, 171

136, 181, 171

118, 181, 167

100, 181, 163

82, 181, 159

64, 181, 155

45, 181, 151

27, 181, 147

9, 181, 143

0, 181, 141

154, 181, 175

172, 181, 179

190, 181, 183

208, 181, 187

227, 181, 191

245, 181, 195

255, 181, 199

255, 181, 203

255, 181, 207

Harmonies

Analogous

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

150, 179, 156

136, 181, 171

131, 181, 187

Triad

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

136, 181, 171

174, 168, 199

198, 166, 146

Complementary

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

136, 181, 171

181, 136, 146

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.

204, 162, 157

136, 181, 171

192, 164, 188

Square

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

136, 181, 171

154, 173, 203

203, 161, 173

185, 171, 141

Rectangle

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

136, 181, 171

134, 179, 195

203, 161, 173

201, 164, 149

Sweetspot

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

136, 181, 171

218, 235, 231

147, 181, 136

108, 117, 115

245, 245, 245

117, 117, 117

Same Dimension

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

136, 181, 171

164, 235, 219

136, 169, 181

80, 89, 87

0, 153, 119

0, 26, 20

Inverse Universe

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

181, 136, 146

235, 164, 180

181, 148, 136

89, 80, 82

153, 0, 34

26, 0, 6

Previews

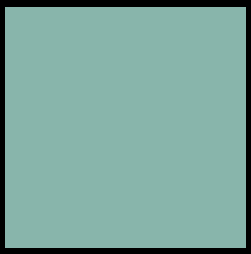
White Background

This preview shows how the RGB color 136, 181, 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



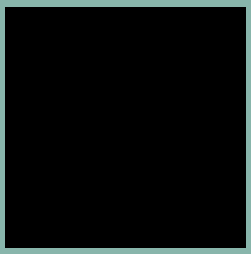
This preview shows how the RGB color 136, 181, 171 looks on a black background.

Color Contrast Check

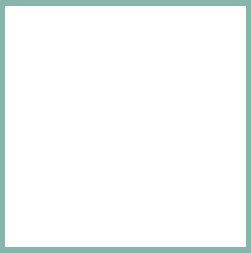
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 136, 181, 171 Background



This preview shows how black text looks on a background with the RGB color 136, 181, 171.



This preview shows how white text looks on a background with the RGB color 136, 181, 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
136, 181, 171

Protanopia
176, 171, 165

Deuteranopia
187, 166, 174

Tritanopia
140, 178, 192

Trichromacy

Original Color
136, 181, 171

Protanomaly
161, 175, 167

Deuteranomaly
168, 171, 173

Tritanomaly
139, 179, 184

Monochromacy

Original Color
136, 181, 171

Achromatopsia
166, 166, 166

Achromatomaly
155, 171, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 181, 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(136, 181, 171) looks like.

```
.text, #text, p{
    color:rgb(136, 181, 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(136, 181, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 181, 171) }
```

Border

The CSS property to change the border of an element to RGB 136, 181, 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(136, 181, 171) }
```

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

```
.border{ border-color:rgb(136, 181, 171) }
```

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

Here you see how a box with a 4 pixel rgb(136, 181, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 181, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 181, 171); box-shadow:4px 4px 4px 4px rgb(136, 181, 171) }
```

Background

The CSS property to change the background color of an element to RGB 136, 181, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(136, 181, 171) }
```

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

```
.background{ background-color:rgb(136,
181, 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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