Converting Colors

RGB(159, 187, 173)

Have a look what the booklet for RGB(159, 187, 173) contains.

Color

RGB(159, 187, 173)

Conversions

Conversions Part 1

Format	Color
Hex	9FBBAD
RGB	159, 187, 173
RGB Percent	62%, 73%, 68%
CMY	0.3765, 0.2667, 0.3216
CMYK	0.15, 0.00, 0.07, 0.27
HSL	150°, 17%, 68%
HSV	150°, 15%, 73%
XYZ	39.6112, 45.9287, 46.3126
YIQ	177.0320, -12.1940, -10.2900

Conversions

Conversions Part 2

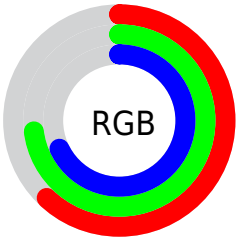
Format	Color
RYB	159, 178, 187
Decimal	10468269
CIELab	73.50, -12.30, 3.90
CIELCh	73, 12.900, 162.406
Yxy	45.9287, 0.3004, 0.3483
Android (android.graphics.Color)	4288658349 (0xFF9FBBAD)
YUV	177.0320, -1.9878, -15.8141
Hunter-Lab	67.7707, -14.2675, 6.9224

Details

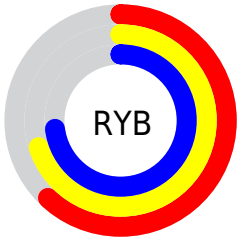
The RGB color 159, 187, 173 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 187, 159, 173, and the grayscale version is 177, 177, 177.

A 20% lighter version of the original color is 214, 243, 228, and 107, 134, 121 is the 20% darker color. If you saturate the color by 10%, you get 140, 187, 164, and if you desaturate by 10%, it is 178, 187, 182.

Distribution

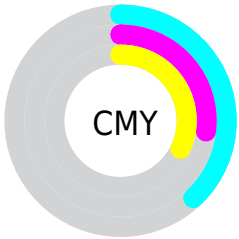


- Red (62%)
- Green (73%)
- Blue (68%)



- Red (62%)
- Yellow (70%)
- Blue (73%)

- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 187, 173 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 159, 187, 173 by changing the saturation by 10% instead.

159, 187, 173

255, 255, 255

214, 243, 228

242, 255, 255

159, 187, 173

133, 160, 146

107, 134, 121

83, 108, 96

59, 84, 72

37, 61, 50

16, 39, 29

0, 19, 3

0, 0, 0

159, 187, 173

159, 187, 173

140, 187, 164	178, 187, 182
122, 187, 154	196, 187, 192
103, 187, 145	215, 187, 201
84, 187, 136	234, 187, 210
66, 187, 126	253, 187, 220
47, 187, 117	255, 187, 229
28, 187, 108	255, 187, 238
9, 187, 98	255, 187, 248
0, 187, 94	255, 187, 255

Harmonies

Analogous

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

171, 185, 163

159, 187, 173

151, 188, 185

Triad

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

159, 187, 173

174, 180, 203

204, 174, 165

Complementary

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

159, 187, 173

187, 159, 173

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.

206, 173, 176

159, 187, 173

189, 176, 198

Square

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

159, 187, 173

160, 184, 203

200, 173, 188

197, 177, 158

Rectangle

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

159, 187, 173

151, 187, 193

200, 173, 188

206, 173, 168

Sweetspot

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

159, 187, 173

233, 242, 237

173, 187, 159

116, 122, 119

250, 250, 250

122, 122, 122

Same Dimension

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

159, 187, 173

199, 242, 220

159, 187, 187

85, 94, 90

0, 158, 79

0, 31, 15

Inverse Universe

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

187, 159, 173

242, 199, 220

187, 159, 159

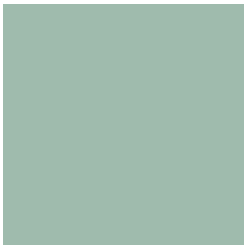
94, 85, 90

158, 0, 79

31, 0, 15

Previews

White Background

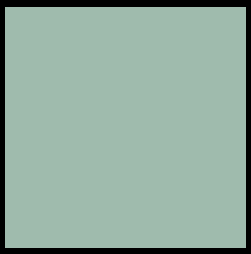


This preview shows how the RGB color 159, 187, 173 looks on a white background.

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



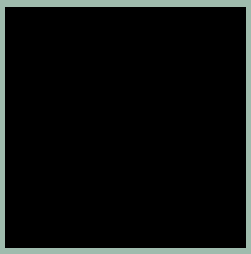
This preview shows how the RGB color 159, 187, 173 looks on a black background.

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 159, 187, 173 Background



This preview shows how black text looks on a background with the RGB color 159, 187, 173.

This preview shows how white text looks on a background with the RGB color 159, 187, 173.

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

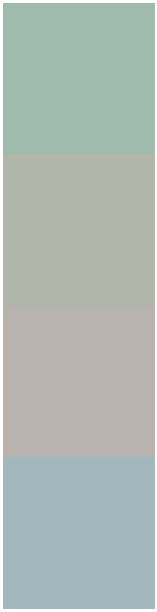
Original Color
159, 187, 173

Protanopia
186, 179, 169

Deuteranopia
199, 174, 176

Tritanopia
163, 183, 198

Trichromacy



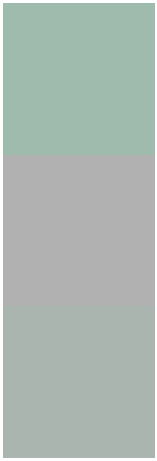
Original Color
159, 187, 173

Protanomaly
176, 182, 170

Deuteranomaly
184, 179, 175

Tritanomaly
162, 184, 189

Monochromacy



Original Color
159, 187, 173

Achromatopsia
177, 177, 177

Achromatomaly
170, 181, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 187, 173 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(159, 187, 173) looks like.

```
.text, #text, p{
    color:rgb(159, 187, 173)
}
```

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(159, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 187, 173) }
```

Border

The CSS property to change the border of an element to RGB 159, 187, 173 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(159, 187, 173) }
```

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

```
.border{ border-color:rgb(159, 187, 173) }
```

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

Here you see how a box with a 4 pixel rgb(159, 187, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 187, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 187, 173); box-shadow:4px 4px 4px 4px rgb(159, 187, 173) }
```

Background

The CSS property to change the background color of an element to RGB 159, 187, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(159, 187, 173) }
```

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

```
.background{ background-color:rgb(159,
187, 173) }
```

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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