Converting Colors

RYB(140, 165, 173)

Have a look what the booklet for RYB(140, 165, 173) contains.

Color

RYB(140, 165, 173)

Conversions

Conversions Part 1

Format	Color
Hex	8CAD97
RGB	140, 173, 151
RGB Percent	55%, 68%, 59%
CMY	0.4510, 0.3216, 0.4096
CMYK	0.19, 0.00, 0.13, 0.32
HSL	139°, 17%, 61%
HSV	139°, 19%, 68%
XYZ	31.3090, 37.6827, 34.7145
YIQ	160.6250, -12.6060, -13.8380

Conversions

Conversions Part 2

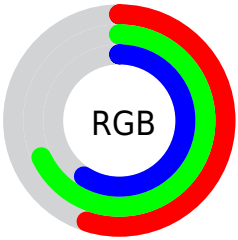
Format	Color
RYB	140, 165, 173
Decimal	9219479
CIELab	67.79, -15.83, 7.83
CIELCh	68, 17.663, 153.691
Yxy	37.6827, 0.3019, 0.3634
Android (android.graphics.Color)	4287409559 (0xFF8CAD97)
YUV	160.6250, -4.7451, -18.0881
Hunter-Lab	61.3862, -16.3849, 9.4413

Details

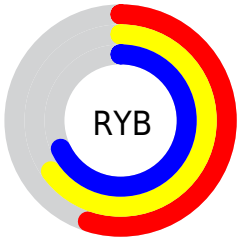
The RYB color 140, 165, 173 is a light color, and the websafe version is hex 669999. A complement of this color would be 173, 140, 162, and the grayscale version is 161, 161, 161.

A 20% lighter version of the original color is 194, 221, 229, and 89, 113, 121 is the 20% darker color. If you saturate the color by 10%, you get 123, 161, 173, and if you desaturate by 10%, it is 157, 169, 173.

Distribution

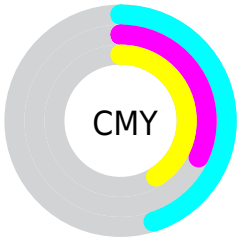


- Red (55%)
- Green (68%)
- Blue (59%)



- Red (55%)
- Yellow (65%)
- Blue (68%)

- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (45%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 165, 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 RYB color 140, 165, 173 by changing the saturation by 10% instead.

140, 165, 173	140, 165, 173
255, 255, 255	114, 138, 146
194, 221, 229	89, 113, 121
222, 247, 255	65, 88, 96
251, 253, 255	43, 65, 72
	20, 41, 49
	0, 22, 29
	0, 0, 0

140, 165, 173	140, 165, 173
123, 161, 173	157, 169, 173

105, 156, 173

88, 153, 173

71, 148, 173

54, 144, 173

36, 140, 173

19, 136, 173

2, 132, 173

0, 131, 173

175, 173, 174

192, 173, 186

209, 173, 198

227, 173, 209

244, 173, 221

255, 173, 233

255, 173, 245

255, 173, 255

Harmonies

Analogous

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

138, 170, 150

140, 165, 173

126, 152, 174

Triad

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

140, 165, 173

150, 162, 197

198, 156, 148

Complementary

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

140, 165, 173

173, 140, 162

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, 154, 164

140, 165, 173

171, 160, 192

Square

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

140, 165, 173

131, 155, 193

188, 156, 180

190, 175, 137

Rectangle

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

140, 165, 173

122, 149, 177

188, 156, 180

199, 155, 153

Sweetspot

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

140, 165, 173

211, 221, 224

140, 173, 150

104, 110, 112

240, 240, 240

112, 112, 112

Same Dimension

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

140, 165, 173

173, 212, 224

140, 158, 173

78, 85, 87

0, 114, 150

0, 18, 23

Inverse Universe

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

173, 140, 162

224, 173, 208

173, 140, 146

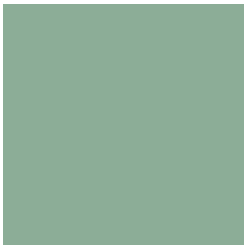
87, 78, 84

150, 0, 102

23, 0, 16

Previews

White Background

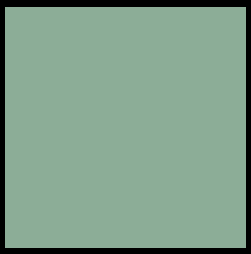


This preview shows how the RYB color 140, 165, 173 looks on a white background.

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



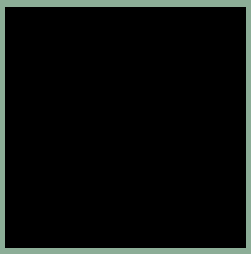
This preview shows how the RYB color 140, 165, 173 looks on a black background.

Color Contrast Check

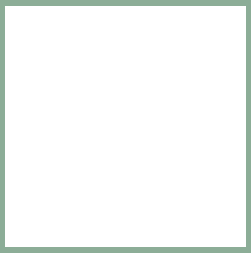
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 140, 165, 173 Background



This preview shows how black text looks on a background with the RYB color 140, 165, 173.



This preview shows how white text looks on a background with the RYB color 140, 165, 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

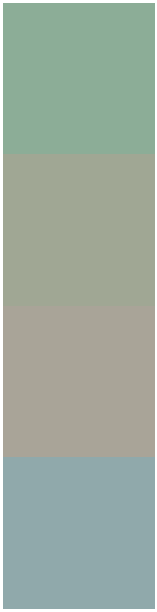
Original Color
140, 165, 173

Protanopia
158, 172, 146

Deuteranopia
185, 160, 153

Tritanopia
146, 160, 182

Trichromacy



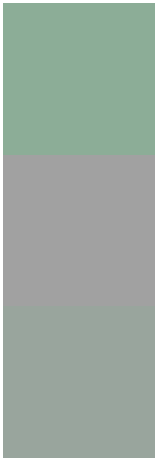
Original Color
140, 165, 173

Protanomaly
148, 167, 155

Deuteranomaly
159, 169, 152

Tritanomaly
144, 157, 171

Monochromacy



Original Color
140, 165, 173

Achromatopsia
161, 161, 161

Achromatomaly
153, 162, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 165, 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(140, 173, 151) looks like.

```
.text, #text, p{
    color:rgb(140, 173, 151)
}
```

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(140, 173, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 173, 151) }
```

Border

The CSS property to change the border of an element to RYB 140, 165, 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(140, 173, 151) }
```

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

```
.border{ border-color:rgb(140, 173, 151) }
```

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

Here you see how a box with a 4 pixel rgb(140, 173, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 173, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 173, 151); box-shadow:4px 4px 4px 4px rgb(140, 173, 151) }
```

Background

The CSS property to change the background color of an element to RYB 140, 165, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 173, 151) }
```

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

```
.background{ background-color:rgb(140,
173, 151) }
```

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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