Converting Colors

RGB(152, 199, 176)

Have a look what the booklet for RGB(152, 199, 176) contains.

Color

RGB(152, 199, 176)

Conversions

Conversions Part 1

Format	Color
Hex	98C7B0
RGB	152, 199, 176
RGB Percent	60%, 78%, 69%
CMY	0.4039, 0.2196, 0.3098
CMYK	0.24, 0.00, 0.12, 0.22
HSL	151°, 30%, 69%
HSV	151°, 24%, 78%
XYZ	41.2088, 50.6568, 48.6801
YIQ	182.3250, -20.6290, -17.1170

Conversions

Conversions Part 2

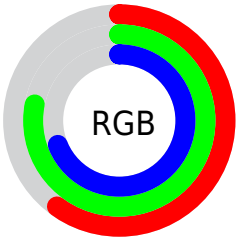
Format	Color
RYB	152, 183, 199
Decimal	10012592
CIELab	76.47, -20.15, 6.50
CIELCh	76, 21.172, 162.116
Yxy	50.6568, 0.2932, 0.3604
Android (android.graphics.Color)	4288202672 (0xFF98C7B0)
YUV	182.3250, -3.1182, -26.5950
Hunter-Lab	71.1736, -21.2042, 9.2694

Details

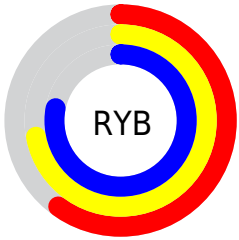
The RGB color 152, 199, 176 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 199, 152, 175, and the grayscale version is 182, 182, 182.

A 20% lighter version of the original color is 207, 255, 232, and 100, 145, 124 is the 20% darker color. If you saturate the color by 10%, you get 132, 199, 166, and if you desaturate by 10%, it is 172, 199, 186.

Distribution

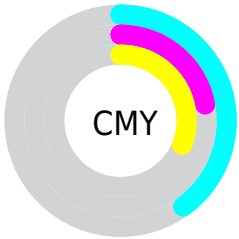


- Red (60%)
- Green (78%)
- Blue (69%)



- Red (60%)
- Yellow (72%)
- Blue (78%)

- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 152, 199, 176 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 152, 199, 176 by changing the saturation by 10% instead.

152, 199, 176

255, 255, 255

207, 255, 232

235, 255, 255

152, 199, 176

126, 172, 149

100, 145, 124

75, 119, 99

51, 94, 75

27, 70, 52

1, 48, 31

0, 28, 7

0, 0, 0

152, 199, 176

152, 199, 176

132, 199, 166

112, 199, 157

92, 199, 147

72, 199, 137

53, 199, 127

33, 199, 118

13, 199, 108

0, 199, 102

172, 199, 186

192, 199, 195

212, 199, 205

232, 199, 215

252, 199, 225

255, 199, 234

255, 199, 244

255, 199, 254

255, 199, 255

Harmonies

Analogous

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

173, 195, 159

152, 199, 176

138, 200, 196

Triad

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

152, 199, 176

177, 188, 227

227, 178, 163

Complementary

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

152, 199, 176

199, 152, 175

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.

229, 175, 181

152, 199, 176

202, 181, 218

Square

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

152, 199, 176

152, 194, 225

221, 176, 201

214, 183, 152

Rectangle

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

152, 199, 176

135, 199, 209

221, 176, 201

229, 176, 169

Sweetspot

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

152, 199, 176

237, 255, 246

176, 199, 152

117, 128, 123

0, 0, 0

128, 128, 128

Same Dimension

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

152, 199, 176

184, 255, 220

152, 199, 199

90, 99, 95

0, 163, 83

0, 36, 18

Inverse Universe

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

199, 152, 175

255, 184, 219

199, 152, 152

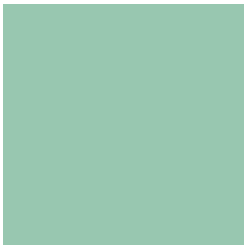
99, 90, 94

163, 0, 80

36, 0, 17

Previews

White Background

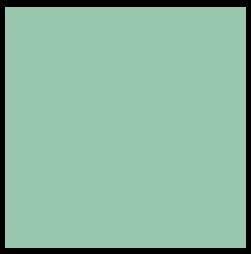


This preview shows how the RGB color 152, 199, 176 looks on a white background.

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



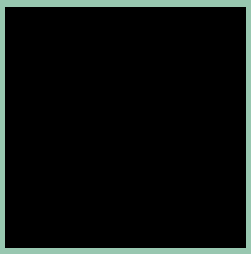
This preview shows how the RGB color 152, 199, 176 looks on a black background.

Color Contrast Check

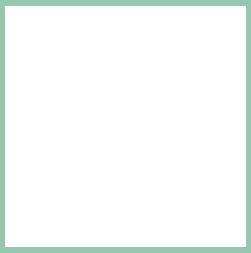
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 152, 199, 176 Background



This preview shows how black text looks on a background with the RGB color 152, 199, 176.



This preview shows how white text looks on a background with the RGB color 152, 199, 176.

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

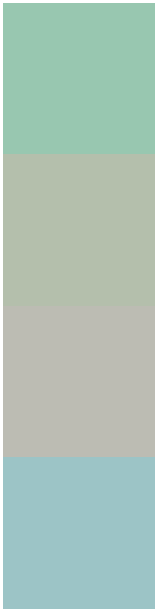
Original Color
152, 199, 176

Protanopia
196, 187, 170

Deuteranopia
209, 182, 180

Tritanopia
158, 194, 210

Trichromacy



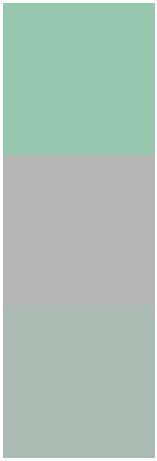
Original Color
152, 199, 176

Protanomaly
180, 191, 172

Deuteranomaly
188, 188, 179

Tritanomaly
156, 196, 198

Monochromacy



Original Color
152, 199, 176

Achromatopsia
182, 182, 182

Achromatomaly
171, 188, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 199, 176 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(152, 199, 176) looks like.

```
.text, #text, p{
    color:rgb(152, 199, 176)
}
```

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(152, 199, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 199, 176) }
```

Border

The CSS property to change the border of an element to RGB 152, 199, 176 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(152, 199, 176) }
```

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

```
.border{ border-color:rgb(152, 199, 176) }
```

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

Here you see how a box with a 4 pixel rgb(152, 199, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 199, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 199, 176); box-shadow:4px 4px 4px 4px rgb(152, 199, 176) }
```

Background

The CSS property to change the background color of an element to RGB 152, 199, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(152, 199, 176) }
```

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

```
.background{ background-color:rgb(152,
199, 176) }
```

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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