

Converting Colors

RGB(153, 199, 191)

Have a look what the booklet for
RGB(153, 199, 191) contains.

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Color

RGB(153, 199, 191)

Conversions

Conversions Part 1

Format	Color
Hex	99C7BF
RGB	153, 199, 191
RGB Percent	60%, 78%, 75%
CMY	0.4000, 0.2196, 0.2510
CMYK	0.23, 0.00, 0.04, 0.22
HSL	170°, 29%, 69%
HSV	170°, 23%, 78%
XYZ	42.9643, 51.3807, 56.9432
YIQ	184.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

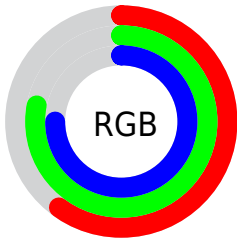
Format	Color
RYB	153, 178, 199
Decimal	10078143
CIELab	76.91, -16.74, -0.95
CIElCh	77, 16.766, 183.239
Yxy	51.3807, 0.2840, 0.3396
Android (android.graphics.Color)	4288268223 (0xFF99C7BF)
YUV	184.3340, 3.2863, -27.4799
Hunter-Lab	71.6804, -18.4501, 3.0760

Details

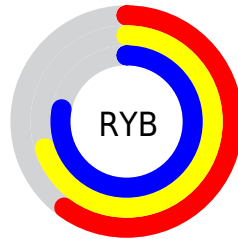
The RGB color **153, 199, 191** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **199, 153, 161**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **208, 255, 247**, and **101, 145, 138** is the 20% darker color. If you saturate the color by 10%, you get **133, 199, 188**, and if you desaturate by 10%, it is **173, 199, 194**.

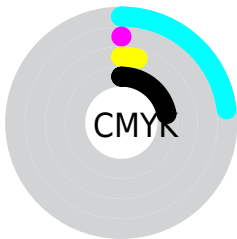
Distribution



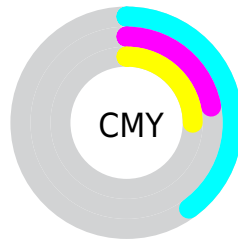
- Red (60%)
- Green (78%)
- Blue (75%)



- Red (60%)
- Yellow (70%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 199, 191 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 153, 199, 191 by changing the saturation by 10% instead.

 153, 199, 191

255, 255, 255


 208, 255, 247


 237, 255, 255

 153, 199, 191

 126, 172, 164

 101, 145, 138

 76, 119, 112

 51, 94, 88

 27, 71, 65

 0, 48, 43

 0, 28, 22

 0, 0, 0

 153, 199, 191


 153, 199, 191


 133, 199, 188


 173, 199, 194

 113, 199, 184


 193, 199, 198

 93, 199, 181


 213, 199, 201

 73, 199, 177


 233, 199, 205

 54, 199, 174

 253, 199, 208

 34, 199, 170

 255, 199, 212

 14, 199, 167

 255, 199, 215

 0, 199, 164

 255, 199, 219

 255, 199, 222

Harmonies

Analogous

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



166, 198, 175



153, 199, 191



149, 198, 206

Triad

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



153, 199, 191



195, 185, 216



215, 184, 163

Complementary

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



153, 199, 191



199, 153, 161

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.



222, 180, 174



153, 199, 191



212, 181, 204

Square

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



153, 199, 191



175, 191, 220



221, 179, 189



201, 189, 159

Rectangle

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



153, 199, 191



154, 196, 214



221, 179, 189



218, 183, 166

Sweetspot

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



153, 199, 191



237, 255, 252



161, 199, 153



117, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



153, 199, 191



184, 255, 243



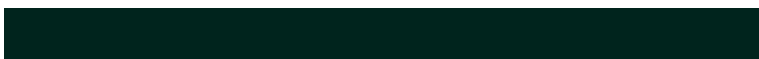
153, 184, 199



90, 99, 98



0, 163, 135



0, 36, 29

Inverse Universe

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



199, 153, 161



255, 184, 196



199, 168, 153



99, 90, 91



163, 0, 28



36, 0, 6

Previews

White Background



This preview shows how the RGB color 153, 199, 191 looks on a white background.

Color Contrast Check

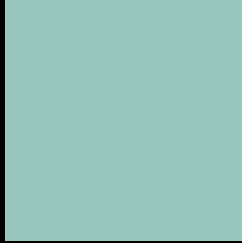
Large Text (above 18pt) WCAG AA × Fail

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 153, 199, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

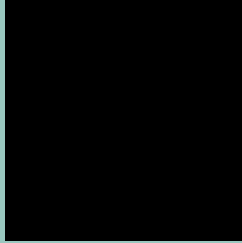
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

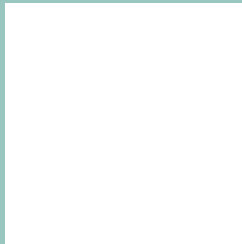
Any Text WCAG AAA ✓ Pass

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

RGB 153, 199, 191 Background



This preview shows how black text looks on a background with the RGB color 153, 199, 191.

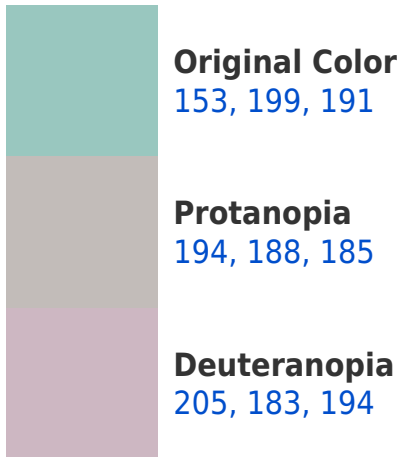


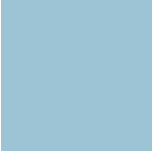
This preview shows how white text looks on a background with the RGB color 153, 199, 191.

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
157, 196, 212

Trichromacy



Original Color
153, 199, 191

Protanomaly
179, 192, 187

Deuteranomaly
186, 189, 193

Tritanomaly
156, 197, 204

Monochromacy



Original Color
153, 199, 191

Achromatopsia
184, 184, 184

Achromatomaly
173, 189, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 199, 191 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(153, 199, 191)` looks like.

```
.text, #text, p{  
  color:rgb(153, 199, 191)  
}
```

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(153, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 191) }
```

Border

The CSS property to change the border of an element to RGB 153, 199, 191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

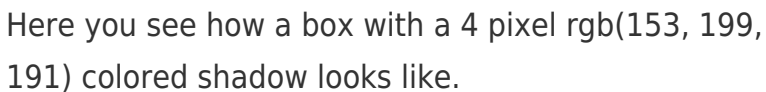
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 199, 191) }
```

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

```
.border{ border-color:rgb(153, 199, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 199, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 199, 191); box-shadow:4px 4px 4px 4px rgb(153, 199, 191) }
```

Background

The CSS property to change the background color of an element to RGB 153, 199, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 199, 191) }
```

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

```
.background{ background-color: rgb(153,  
199, 191) }
```

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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