

Converting Colors

RGB(153, 189, 180)

Have a look what the booklet for
RGB(153, 189, 180) contains.

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Color

RGB(153, 189, 180)

Conversions

Conversions Part 1

Format	Color
Hex	99BDB4
RGB	153, 189, 180
RGB Percent	60%, 74%, 71%
CMY	0.4000, 0.2588, 0.2941
CMYK	0.19, 0.00, 0.05, 0.26
HSL	165°, 21%, 67%
HSV	165°, 19%, 74%
XYZ	39.5727, 46.4628, 50.0625
YIQ	177.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

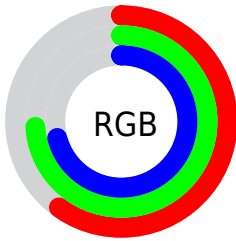
Format	Color
RYB	153, 174, 189
Decimal	10075572
CIELab	73.84, -13.91, 0.54
CIELCh	74, 13.917, 177.775
Yxy	46.4628, 0.2908, 0.3414
Android (android.graphics.Color)	4288265652 (0xFF99BDB4)
YUV	177.2100, 1.3755, -21.2322
Hunter-Lab	68.1636, -15.6574, 4.1692

Details

The RGB color **153, 189, 180** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **189, 153, 162**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **208, 245, 236**, and **101, 136, 127** is the 20% darker color. If you saturate the color by 10%, you get **134, 189, 175**, and if you desaturate by 10%, it is **172, 189, 185**.

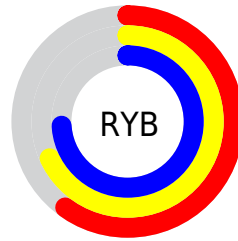
Distribution



Red (60%)

Green (74%)

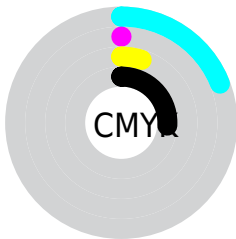
Blue (71%)



Red (60%)

Yellow (68%)

Blue (74%)

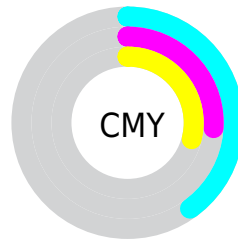


Cyan (19%)

Magenta (0%)

Yellow (5%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 189, 180 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, 189, 180 by changing the saturation by 10% instead.


 153, 189, 180

255, 255, 255


 208, 245, 236


 236, 255, 255

 153, 189, 180

 127, 162, 153

 101, 136, 127

 77, 110, 102

 53, 86, 78

 30, 62, 56


 7, 40, 34

 0, 21, 12

 0, 0, 0


 153, 189, 180


 153, 189, 180


 134, 189, 175


 172, 189, 185

 115, 189, 171


 191, 189, 189


 96, 189, 166


 210, 189, 194

 77, 189, 161


 229, 189, 199

 59, 189, 156

 248, 189, 204

 40, 189, 152

 255, 189, 208

 21, 189, 147

 255, 189, 213

 2, 189, 142

 255, 189, 218

 0, 189, 142

 255, 189, 223

Harmonies

Analogous

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



164, 187, 168



153, 189, 180



149, 189, 193

Triad

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



153, 189, 180



183, 179, 204



204, 176, 160

Complementary

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



153, 189, 180



189, 153, 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.



209, 173, 170



153, 189, 180



197, 175, 195

Square

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



153, 189, 180



167, 183, 207



207, 173, 183



193, 180, 156

Rectangle

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



153, 189, 180



151, 187, 200



207, 173, 183



206, 175, 163

Sweetspot

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



153, 189, 180



230, 245, 241



162, 189, 153



114, 122, 120



250, 250, 250



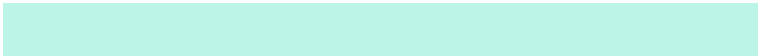
122, 122, 122

Same Dimension

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



153, 189, 180



188, 245, 231



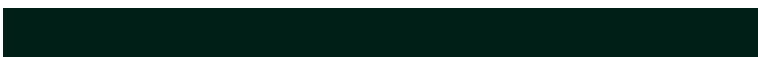
153, 180, 189



85, 94, 92



0, 158, 119



0, 31, 23

Inverse Universe

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



189, 153, 162



245, 188, 203



189, 162, 153



94, 85, 87



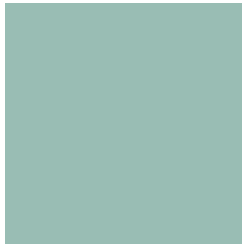
158, 0, 40



31, 0, 8

Previews

White Background



This preview shows how the RGB color 153, 189, 180 looks on a white background.

Color Contrast Check

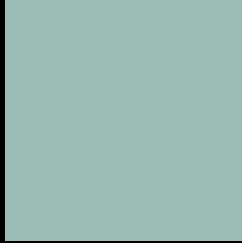
Large Text (above 18pt) WCAG AA × Fail

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, 189, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

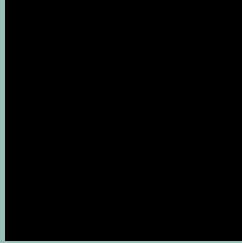
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

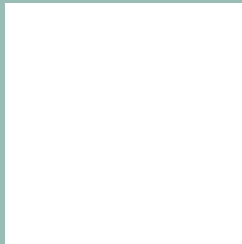
Any Text WCAG AAA ✓ Pass

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

RGB 153, 189, 180 Background



This preview shows how black text looks on a background with the RGB color 153, 189, 180.

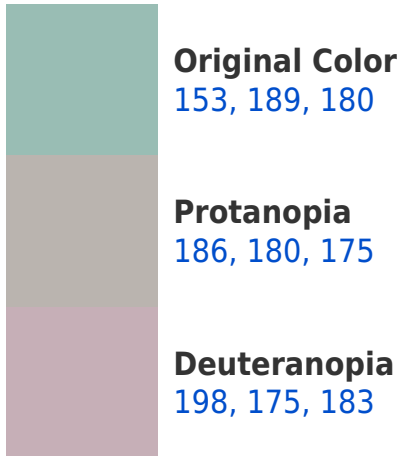


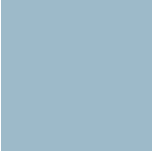
This preview shows how white text looks on a background with the RGB color 153, 189, 180.

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, 186, 201

Trichromacy



Original Color
153, 189, 180

Protanomaly
174, 183, 177

Deuteranomaly
182, 180, 182

Tritanomaly
156, 187, 193

Monochromacy



Original Color
153, 189, 180

Achromatopsia
177, 177, 177

Achromatomaly
168, 181, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 189, 180 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, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(153, 189, 180)  
}
```

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, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 189, 180) }
```

Border

The CSS property to change the border of an element to RGB 153, 189, 180 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, 189, 180) }
```

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

```
.border{ border-color:rgb(153, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(153, 189,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 153, 189, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 189, 180) }
```

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

```
.background{ background-color: rgb(153,  
189, 180) }
```

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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