

Converting Colors

RGB(153, 180, 200)

Have a look what the booklet for
RGB(153, 180, 200) contains.

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Color

RGB(153, 180, 200)

Conversions

Conversions Part 1

Format	Color
Hex	99B4C8
RGB	153, 180, 200
RGB Percent	60%, 71%, 78%
CMY	0.4000, 0.2941, 0.2157
CMYK	0.24, 0.10, 0.00, 0.22
HSL	206°, 30%, 69%
HSV	206°, 24%, 78%
XYZ	39.8835, 43.5850, 60.9542
YIQ	174.2070, -22.5120, 0.4960

Conversions

Conversions Part 2

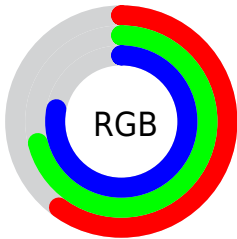
Format	Color
RYB	153, 170, 200
Decimal	10073288
CIELab	71.95, -4.77, -13.19
CIELCh	72, 14.029, 250.142
Yxy	43.5850, 0.2762, 0.3018
Android (android.graphics.Color)	4288263368 (0xFF99B4C8)
YUV	174.2070, 12.7159, -18.5985
Hunter-Lab	66.0189, -7.6973, -8.5283

Details

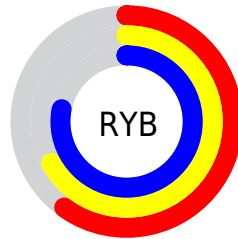
The RGB color **153, 180, 200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200, 173, 153**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **208, 236, 255**, and **101, 127, 146** is the 20% darker color. If you saturate the color by 10%, you get **133, 171, 200**, and if you desaturate by 10%, it is **173, 189, 200**.

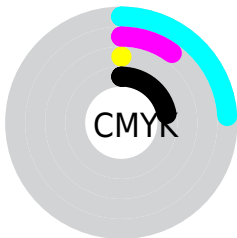
Distribution



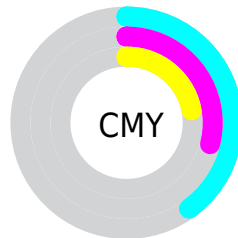
- Red (60%)
- Green (71%)
- Blue (78%)



- Red (60%)
- Yellow (67%)
- Blue (78%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 180, 200 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, 180, 200 by changing the saturation by 10% instead.


 153, 180, 200


255, 255, 255


 208, 236, 255

 236, 255, 255

 153, 180, 200

 127, 153, 173


 101, 127, 146

 76, 102, 120

 52, 78, 96

 28, 56, 72

 3, 34, 49

 0, 12, 29

 0, 0, 0

 153, 180, 200

 153, 180, 200

■ 133, 171, 200

■ 173, 189, 200

■ 113, 163, 200

■ 193, 197, 200

■ 93, 154, 200

■ 213, 206, 200

■ 73, 146, 200

■ 233, 214, 200

■ 53, 137, 200

■ 253, 223, 200

■ 33, 129, 200

■ 255, 231, 200

■ 13, 120, 200

■ 255, 240, 200

■ 0, 115, 200

■ 255, 248, 200

■ 255, 255, 200

Harmonies

Analogous

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



144, 183, 192



153, 180, 200



168, 176, 201

Triad

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



153, 180, 200



203, 168, 172



167, 181, 157

Complementary

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



153, 180, 200



200, 173, 153

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.



182, 177, 151



153, 180, 200



202, 169, 160

Square

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



153, 180, 200



197, 169, 185



195, 173, 153



154, 183, 167

Rectangle

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



153, 180, 200



179, 173, 198



195, 173, 153



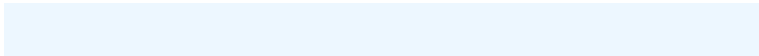
172, 179, 154

Sweetspot

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



153, 180, 200



237, 247, 255



153, 200, 173



117, 123, 128



0, 0, 0



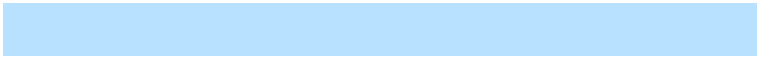
128, 128, 128

Same Dimension

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



153, 180, 200



184, 225, 255



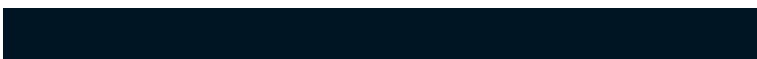
153, 157, 200



90, 95, 99



0, 94, 163



0, 21, 36

Inverse Universe

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



200, 153, 180



255, 184, 225



200, 196, 153



99, 90, 95



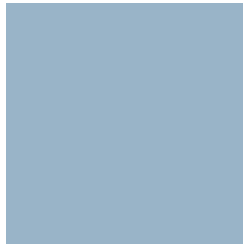
163, 0, 94



36, 0, 21

Previews

White Background



This preview shows how the RGB color 153, 180, 200 looks on a white background.

Color Contrast Check

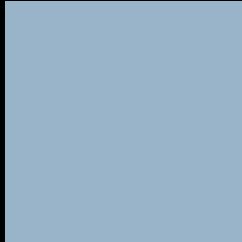
Large Text (above 18pt) WCAG AA × Fail

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, 180, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

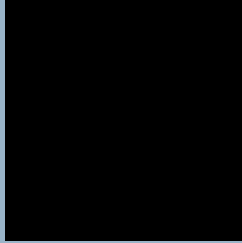
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

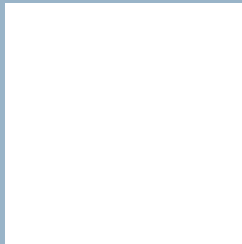
Any Text WCAG AAA ✓ Pass

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

RGB 153, 180, 200 Background



This preview shows how black text looks on a background with the RGB color 153, 180, 200.



This preview shows how white text looks on a background with the RGB color 153, 180, 200.

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](#).

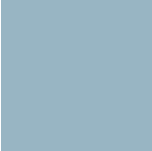
Dichromacy



Original Color
153, 180, 200

Protanopia
173, 175, 197

Deuteranopia
181, 172, 202



Tritanopia
152, 181, 195

Trichromacy



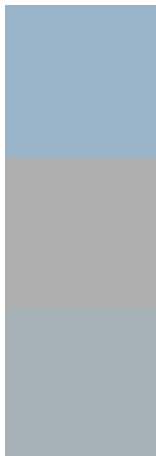
Original Color
153, 180, 200

Protanomaly
166, 177, 198

Deuteranomaly
171, 175, 201

Tritanomaly
152, 181, 197

Monochromacy



Original Color
153, 180, 200

Achromatopsia
174, 174, 174

Achromatomaly
166, 176, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 180, 200 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, 180, 200)` looks like.

```
.text, #text, p{  
    color:rgb(153, 180, 200)  
}
```

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, 180, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 180, 200) }
```

Border

The CSS property to change the border of an element to RGB 153, 180, 200 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, 180, 200) }
```

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

```
.border{ border-color:rgb(153, 180, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 180, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 180, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 180, 200);  
box-shadow:4px 4px 4px 4px rgb(153, 180,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 153, 180, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 180, 200) }
```

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

```
.background{ background-color: rgb(153,  
180, 200) }
```

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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