

Converting Colors

`RYB(153, 176, 204)`

Have a look what the booklet for
RYB(153, 176, 204) contains.

RYB(153, 176, 204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(153, 176, 204)

Conversions

Conversions Part 1

Format	Color
Hex	99C3CC
RGB	153, 195, 204
RGB Percent	60%, 76%, 80%
CMY	0.4000, 0.2357, 0.2000
CMYK	0.25, 0.04, 0.00, 0.20
HSL	191°, 33%, 70%
HSV	191°, 25%, 80%
XYZ	43.5271, 50.1142, 64.5056
YIQ	183.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

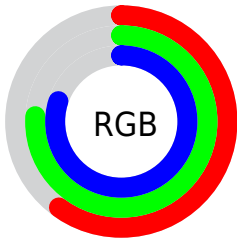
Format	Color
RYB	153, 176, 204
Decimal	10077132
CIELab	76.14, -11.75, -9.11
CIELCh	76, 14.873, 217.790
Yxy	50.1142, 0.2752, 0.3169
Android (android.graphics.Color)	4288267212 (0xFF99C3CC)
YUV	183.4680, 10.1223, -26.7204
Hunter-Lab	70.7914, -14.1316, -4.4716

Details

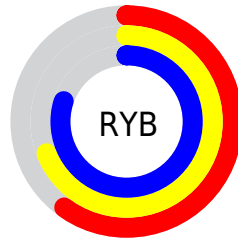
The RYB color **153, 176, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204, 164, 153**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **208, 231, 255**, and **100, 123, 150** is the 20% darker color. If you saturate the color by 10%, you get **133, 165, 204**, and if you desaturate by 10%, it is **173, 187, 204**.

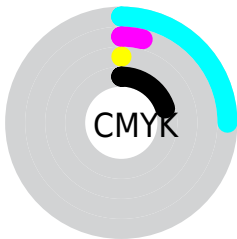
Distribution



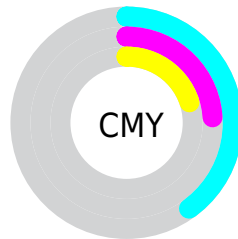
- Red (60%)
- Green (76%)
- Blue (80%)



- Red (60%)
- Yellow (69%)
- Blue (80%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 176, 204 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 153, 176, 204 by changing the saturation by 10% instead.


 153, 176, 204


255, 255, 255

 208, 230, 255


 237, 246, 255

 153, 176, 204

 126, 149, 177


 101, 123, 150

 75, 97, 124

 51, 73, 99

 25, 48, 75

 0, 24, 53

 0, 14, 31

 0, 0, 6

 0, 0, 0

■ 153, 176, 204

■ 153, 176, 204

■ 133, 165, 204

■ 173, 187, 204

■ 112, 154, 204

■ 194, 198, 204

■ 92, 143, 204

■ 214, 207, 204

■ 71, 131, 204

■ 235, 210, 204

■ 51, 120, 204

■ 255, 215, 204

■ 31, 109, 204

■ 255, 221, 204

■ 10, 97, 204

■ 255, 227, 204

■ 0, 92, 204

■ 255, 237, 204

■ 255, 249, 204

Harmonies

Analogous

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



154, 176, 196



153, 176, 204



162, 181, 213

Triad

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



153, 176, 204



209, 180, 198



170, 195, 161

Complementary

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



153, 176, 204



204, 164, 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.



208, 199, 163



153, 176, 204



216, 178, 185

Square

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



153, 176, 204



195, 183, 209



216, 182, 171



166, 192, 179

Rectangle

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



153, 176, 204



172, 184, 215



216, 182, 171



183, 200, 161

Sweetspot

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



153, 176, 204



235, 244, 255



153, 196, 204



115, 121, 128



0, 0, 0



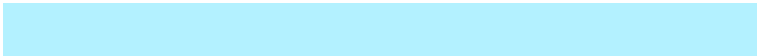
128, 128, 128

Same Dimension

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



153, 176, 204



179, 213, 255



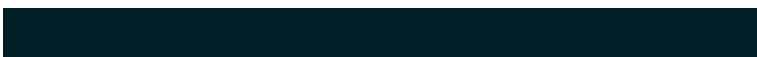
153, 166, 204



92, 96, 102



0, 75, 166



0, 17, 38

Inverse Universe

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



204, 153, 195



255, 179, 241



179, 204, 153



102, 92, 100



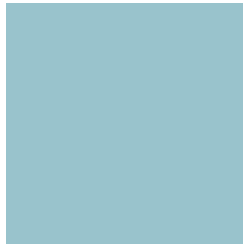
166, 0, 136



38, 0, 31

Previews

White Background



This preview shows how the RYB color 153, 176, 204 looks on a white background.

Color Contrast Check

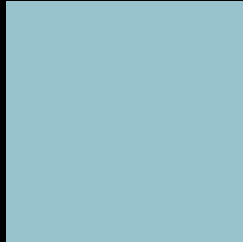
Large Text (above 18pt) WCAG AA × Fail

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 153, 176, 204 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 153, 176, 204 Background



This preview shows how black text looks on a background with the RYB color 153, 176, 204.

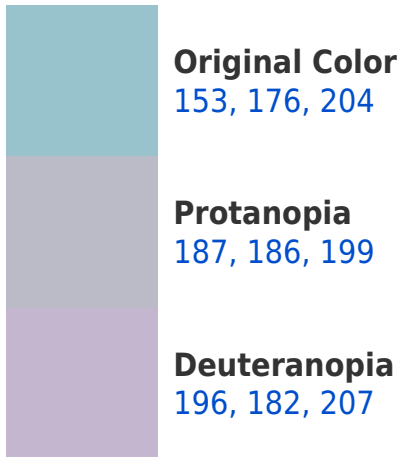


This preview shows how white text looks on a background with the RYB color 153, 176, 204.

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](#).

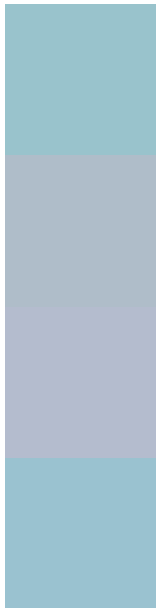
Dichromacy





Tritanopia
154, 177, 210

Trichromacy



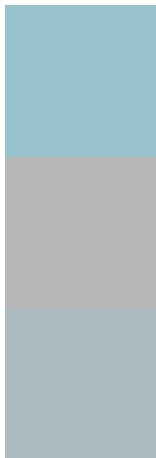
Original Color
153, 176, 204

Protanomaly
175, 184, 201

Deuteranomaly
180, 186, 206

Tritanomaly
154, 177, 208

Monochromacy



Original Color
153, 176, 204

Achromatopsia
183, 183, 183

Achromatomaly
172, 180, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 176, 204 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, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(153, 195, 204)  
}
```

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, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 195, 204) }
```

Border

The CSS property to change the border of an element to RYB 153, 176, 204 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, 195, 204) }
```

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

```
.border{ border-color:rgb(153, 195, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(153, 195,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 153, 176, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 195, 204) }
```

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

```
.background{ background-color: rgb(153,  
195, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor