

Converting Colors

`RYB(154, 173, 188)`

Have a look what the booklet for RYB(154, 173, 188) contains.

RYB(154, 173, 188)	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

$\text{RYB}(154, 173, 188)$

Conversions

Conversions Part 1

Format	Color
Hex	9ABC B5
RGB	154, 188, 181
RGB Percent	60%, 74%, 71%
CMY	0.3961, 0.2627, 0.2908
CMYK	0.18, 0.00, 0.04, 0.26
HSL	167°, 20%, 67%
HSV	167°, 18%, 74%
XYZ	39.6339, 46.1662, 50.4532
YIQ	177.0360, -18.0170, -9.3850

Conversions

Conversions Part 2

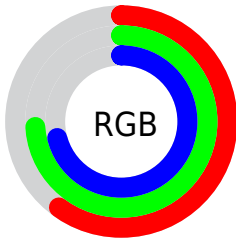
Format	Color
RYB	154, 173, 188
Decimal	10140853
CIELab	73.65, -12.89, -0.19
CIElCh	74, 12.890, 180.847
Yxy	46.1662, 0.2909, 0.3388
Android (android.graphics.Color)	4288330933 (0xFF9ABC B5)
YUV	177.0360, 1.9543, -20.2026
Hunter-Lab	67.9457, -14.7827, 3.5361

Details

The RYB color **154, 173, 188** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **188, 154, 161**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **209, 228, 244**, and **102, 120, 135** is the 20% darker color. If you saturate the color by 10%, you get **135, 165, 188**, and if you desaturate by 10%, it is **173, 181, 188**.

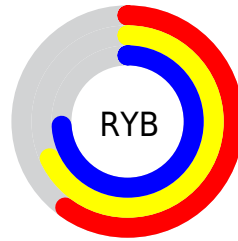
Distribution



Red (60%)

Green (74%)

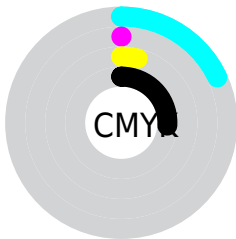
Blue (71%)



Red (60%)

Yellow (68%)

Blue (74%)

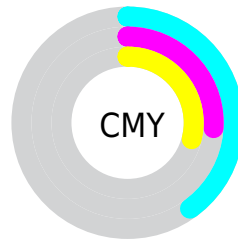


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (26%)



Cyan (40%)


Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 173, 188 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 154, 173, 188 by changing the saturation by 10% instead.

 154, 173, 188

255, 255, 255

 209, 228, 244

 237, 246, 255


 154, 173, 188

 128, 146, 161

 102, 120, 135

 78, 95, 109


 54, 71, 85


 31, 48, 62

 8, 25, 40

 0, 12, 20

 0, 0, 0

 154, 173, 188

 154, 173, 188

■ 135, 165, 188

■ 173, 181, 188

■ 116, 156, 188

■ 192, 188, 189

■ 98, 148, 188

■ 210, 188, 193

■ 79, 140, 188

■ 229, 188, 197

■ 60, 132, 188

■ 248, 188, 201

■ 41, 123, 188

■ 255, 188, 205

■ 22, 115, 188

■ 255, 188, 209

■ 4, 107, 188

■ 255, 188, 213

■ 0, 105, 188

■ 255, 188, 216

Harmonies

Analogous

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



164, 183, 187



154, 173, 188



151, 171, 193

Triad

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



154, 173, 188



184, 178, 201



201, 185, 161

Complementary

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



154, 173, 188



188, 154, 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.



206, 175, 169



154, 173, 188



197, 175, 193

Square

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



154, 173, 188



169, 178, 204



205, 173, 181



171, 190, 157

Rectangle

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



154, 173, 188



154, 173, 199



205, 173, 181



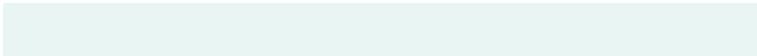
203, 180, 163

Sweetspot

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



154, 173, 188



233, 240, 245



154, 188, 181



115, 119, 122



250, 250, 250



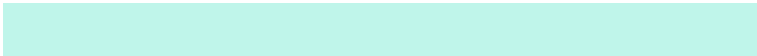
122, 122, 122

Same Dimension

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



154, 173, 188



191, 221, 245



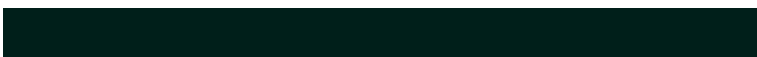
154, 168, 188



85, 90, 94



0, 88, 158



0, 17, 31

Inverse Universe

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



188, 154, 161



245, 191, 202



188, 168, 154



94, 85, 87



158, 0, 33



31, 0, 6

Previews

White Background



This preview shows how the RYB color 154, 173, 188 looks on a white background.

Color Contrast Check

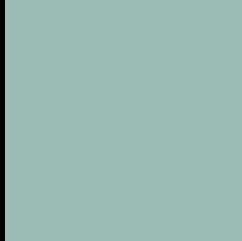
Large Text (above 18pt) WCAG AA × Fail

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 154, 173, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

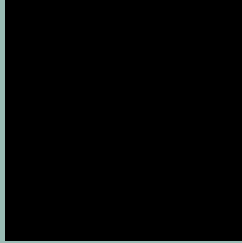
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

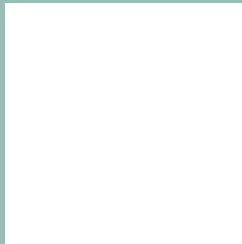
Any Text WCAG AAA ✓ Pass

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

RYB 154, 173, 188 Background



This preview shows how black text looks on a background with the RYB color 154, 173, 188.

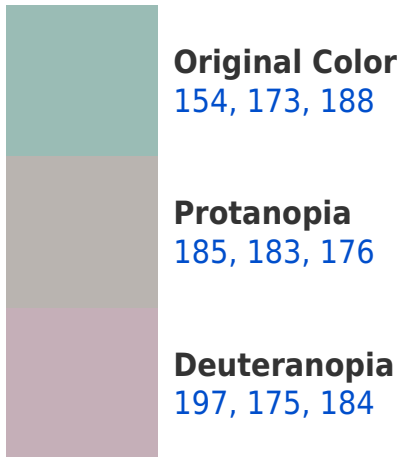


This preview shows how white text looks on a background with the RYB color 154, 173, 188.

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](#).

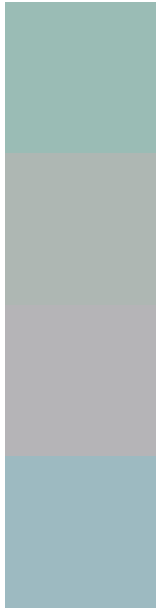
Dichromacy





Tritanopia
158, 174, 200

Trichromacy



Original Color
154, 173, 188

Protanomaly
174, 180, 183

Deuteranomaly
181, 180, 183

Tritanomaly
157, 173, 193

Monochromacy



Original Color
154, 173, 188

Achromatopsia
177, 177, 177

Achromatomaly
169, 176, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 173, 188 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(154, 188, 181) looks like.

```
.text, #text, p{  
    color:rgb(154, 188, 181)  
}
```

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(154, 188, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 188, 181) }
```

Border

The CSS property to change the border of an element to RYB 154, 173, 188 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(154, 188, 181) }
```

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

```
.border{ border-color:rgb(154, 188, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 188, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 188, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 188, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 188,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 154, 173, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 188, 181) }
```

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

```
.background{ background-color: rgb(154,  
188, 181) }
```

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