

Converting Colors

`RYB(155, 176, 198)`

Have a look what the booklet for
RYB(155, 176, 198) contains.

RYB(155, 176, 198)	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(155, 176, 198)

Conversions

Conversions Part 1

Format	Color
Hex	9BC4C6
RGB	155, 196, 198
RGB Percent	61%, 77%, 78%
CMY	0.3922, 0.2312, 0.2235
CMYK	0.22, 0.01, 0.00, 0.22
HSL	183°, 27%, 69%
HSV	183°, 22%, 78%
XYZ	43.4608, 50.5461, 60.8918
YIQ	183.9690, -25.0780, -8.0700

Conversions

Conversions Part 2

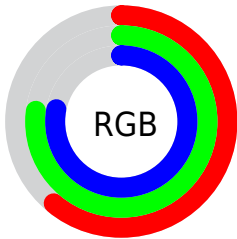
Format	Color
RYB	155, 176, 198
Decimal	10208454
CIELab	76.40, -13.09, -5.46
CIElCh	76, 14.181, 202.650
Yxy	50.5461, 0.2806, 0.3263
Android (android.graphics.Color)	4288398534 (0xFF9BC4C6)
YUV	183.9690, 6.9173, -25.4058
Hunter-Lab	71.0958, -15.3008, -1.0134

Details

The RYB color **155, 176, 198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **198, 157, 155**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **210, 232, 255**, and **103, 123, 144** is the 20% darker color. If you saturate the color by 10%, you get **135, 166, 198**, and if you desaturate by 10%, it is **175, 186, 198**.

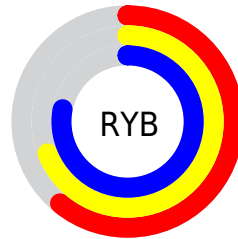
Distribution



Red (61%)

Green (77%)

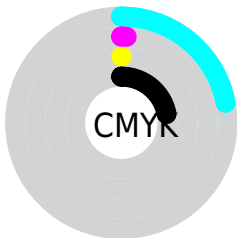
Blue (78%)



Red (61%)

Yellow (69%)

Blue (78%)

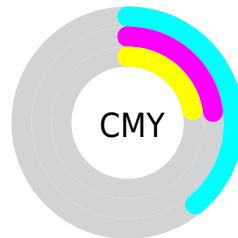


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (39%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 176, 198 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 155, 176, 198 by changing the saturation by 10% instead.


 155, 176, 198

255, 255, 255

 210, 232, 255


 239, 247, 255

 155, 176, 198

 128, 149, 171

 103, 123, 144

 78, 98, 119

 53, 73, 94


 29, 49, 70

 3, 25, 48

 0, 13, 27


 0, 0, 0

 155, 176, 198


 155, 176, 198

 135, 166, 198


 175, 186, 198

 115, 155, 198


 195, 197, 198

 96, 146, 198


 214, 199, 198

 76, 135, 198


 234, 200, 198

 56, 125, 198

 254, 201, 198

 36, 115, 198

 255, 201, 198

 16, 105, 198

 255, 202, 198

 0, 97, 198

 255, 203, 198

 255, 205, 198

Harmonies

Analogous

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



161, 182, 196



155, 176, 198



158, 179, 209

Triad

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



155, 176, 198



203, 182, 204



190, 202, 163

Complementary

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



155, 176, 198



198, 157, 155

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.



213, 188, 168



155, 176, 198



213, 180, 192

Square

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



155, 176, 198



187, 186, 213



217, 180, 179



164, 191, 167

Rectangle

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



155, 176, 198



166, 183, 213



217, 180, 179



206, 206, 164

Sweetspot

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



155, 176, 198



237, 246, 255



155, 197, 198



117, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 176, 198



189, 221, 255



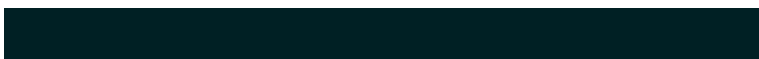
155, 169, 198



90, 95, 99



0, 80, 163



0, 17, 36

Inverse Universe

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



198, 155, 196



255, 189, 252



192, 198, 155



99, 90, 99



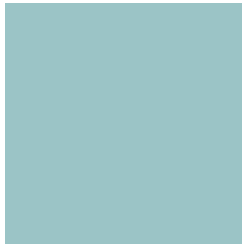
163, 0, 156



36, 0, 34

Previews

White Background



This preview shows how the RYB color 155, 176, 198 looks on a white background.

Color Contrast Check

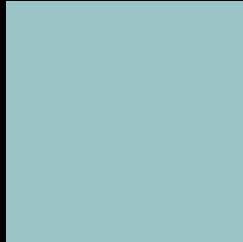
Large Text (above 18pt) WCAG AA × Fail

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 155, 176, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

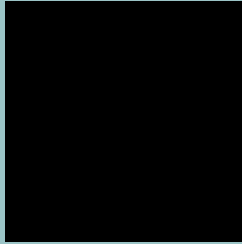
Any Text WCAG AA ✓ Pass

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 155, 176, 198 Background



This preview shows how black text looks on a background with the RYB color 155, 176, 198.

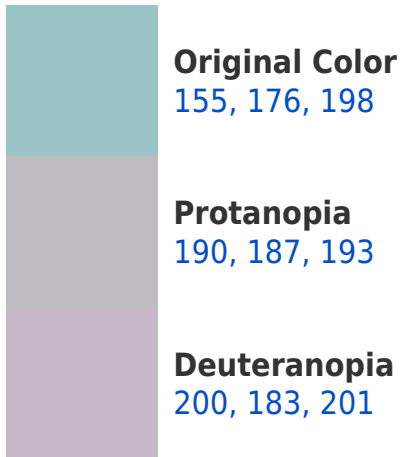


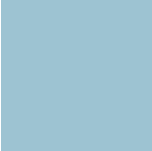
This preview shows how white text looks on a background with the RYB color 155, 176, 198.

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, 179, 210

Trichromacy



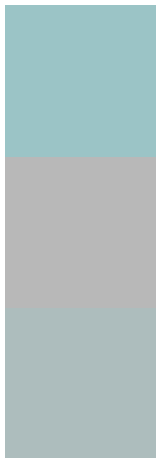
Original Color
155, 176, 198

Protanomaly
177, 185, 195

Deuteranomaly
184, 187, 200

Tritanomaly
156, 178, 206

Monochromacy



Original Color
155, 176, 198

Achromatopsia
184, 184, 184

Achromatomaly
173, 181, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 176, 198 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(155, 196, 198) looks like.

```
.text, #text, p{  
    color:rgb(155, 196, 198)  
}
```

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(155, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 196, 198) }
```

Border

The CSS property to change the border of an element to RYB 155, 176, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

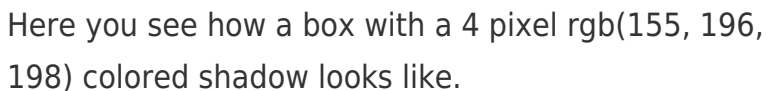
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 196, 198) }
```

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

```
.border{ border-color:rgb(155, 196, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 196, 198); box-shadow:4px 4px 4px 4px rgb(155, 196, 198) }
```

Background

The CSS property to change the background color of an element to RYB 155, 176, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 196, 198) }
```

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

```
.background{ background-color: rgb(155,  
196, 198) }
```

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