

Converting Colors

`RYB(155, 179, 216)`

Have a look what the booklet for RYB(155, 179, 216) contains.

RYB(155, 179, 216)	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, 179, 216)

Conversions

Conversions Part 1

Format	Color
Hex	9BC3D8
RGB	155, 195, 216
RGB Percent	61%, 76%, 85%
CMY	0.3922, 0.2370, 0.1529
CMYK	0.28, 0.10, 0.00, 0.15
HSL	201°, 44%, 73%
HSV	201°, 28%, 85%
XYZ	45.3306, 50.7631, 72.3748
YIQ	185.4340, -30.5810, -1.9490

Conversions

Conversions Part 2

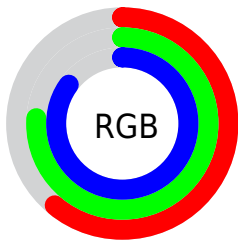
Format	Color
RYB	155, 179, 216
Decimal	10208216
CIELab	76.54, -8.21, -15.00
CIELCh	77, 17.100, 241.310
Yxy	50.7631, 0.2691, 0.3013
Android (android.graphics.Color)	4288398296 (0xFF9BC3D8)
YUV	185.4340, 15.0690, -26.6906
Hunter-Lab	71.2483, -11.1166, -10.3537

Details

The RYB color **155, 179, 216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **216, 187, 155**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **211, 232, 255**, and **102, 125, 161** is the 20% darker color. If you saturate the color by 10%, you get **133, 166, 216**, and if you desaturate by 10%, it is **177, 192, 216**.

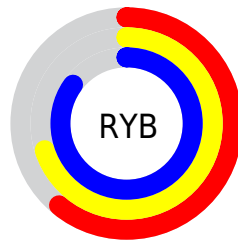
Distribution



Red (61%)

Green (76%)

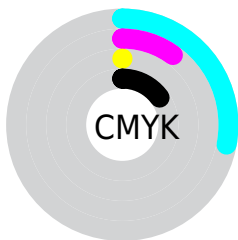
Blue (85%)



Red (61%)

Yellow (70%)

Blue (85%)

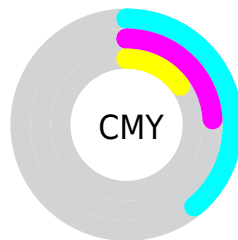


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (15%)



Cyan (39%)


Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 179, 216 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, 179, 216 by changing the saturation by 10% instead.

 155, 179, 216


255, 255, 255


 211, 232, 255


 239, 247, 255

 155, 179, 216

 128, 152, 188


 102, 125, 161

 77, 100, 135

 51, 75, 110

 25, 50, 85

 0, 26, 62

 0, 15, 40

 0, 1, 19

 0, 0, 0

■ 155, 179, 216

■ 155, 179, 216

■ 133, 166, 216

■ 177, 192, 216

■ 112, 153, 216

■ 198, 205, 216

■ 90, 140, 216

■ 220, 217, 216

■ 69, 127, 216

■ 241, 230, 216

■ 47, 114, 216

■ 255, 246, 216

■ 25, 100, 216

■ 240, 255, 216

■ 4, 87, 216

■ 225, 255, 216

■ 0, 85, 216

■ 216, 255, 216

Harmonies

Analogous

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



147, 174, 205



155, 179, 216



172, 185, 220

Triad

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



155, 179, 216



221, 178, 189



162, 193, 172

Complementary

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



155, 179, 216



216, 187, 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.



175, 201, 157



155, 179, 216



222, 180, 173

Square

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



155, 179, 216



210, 180, 204



215, 197, 162



165, 190, 196

Rectangle

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



155, 179, 216



186, 186, 218



215, 197, 162



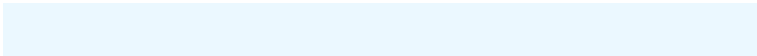
159, 191, 161

Sweetspot

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



155, 179, 216



235, 243, 255



155, 200, 216



115, 120, 128



0, 0, 0



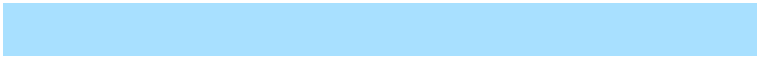
128, 128, 128

Same Dimension

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



155, 179, 216



168, 202, 255



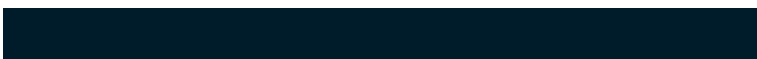
155, 163, 216



96, 100, 107



0, 67, 171



0, 17, 43

Inverse Universe

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



216, 155, 195



255, 168, 225



166, 216, 155



107, 96, 103



171, 0, 111



43, 0, 28

Previews

White Background



This preview shows how the RYB color 155, 179, 216 looks on a white background.

Color Contrast Check

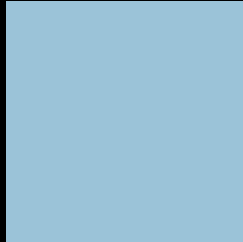
Large Text (above 18pt) WCAG AA × Fail

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, 179, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

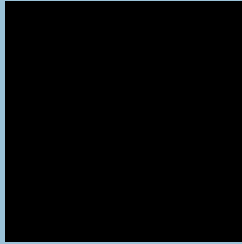
Any Text WCAG AA ✓ Pass

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, 179, 216 Background



This preview shows how black text looks on a background with the RYB color 155, 179, 216.



This preview shows how white text looks on a background with the RYB color 155, 179, 216.

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](#).

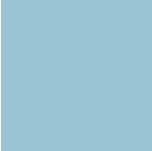
Dichromacy



Original Color
155, 179, 216

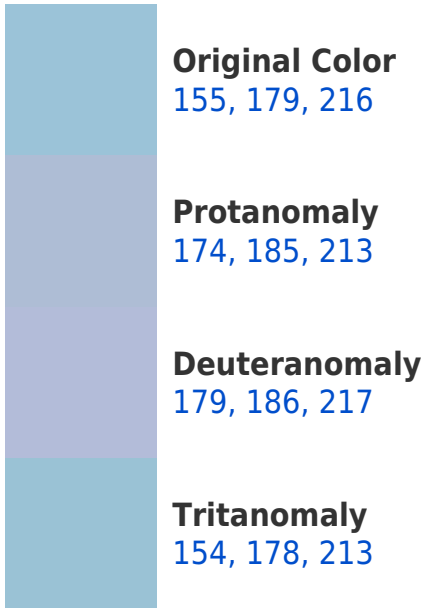
Protanopia
185, 187, 211

Deuteranopia
192, 184, 218

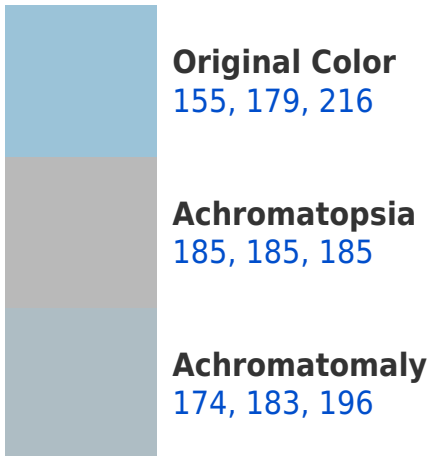


Tritanopia
154, 178, 211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 179, 216 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, 195, 216)` looks like.

```
.text, #text, p{  
    color:rgb(155, 195, 216)  
}
```

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, 195, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 195, 216) }
```

Border

The CSS property to change the border of an element to RYB 155, 179, 216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

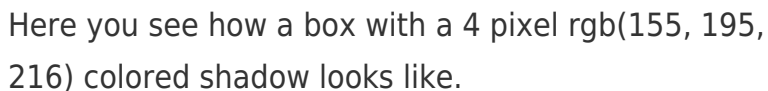
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 195, 216) }
```

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

```
.border{ border-color:rgb(155, 195, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 195, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 195, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 195, 216); box-shadow:4px 4px 4px 4px rgb(155, 195, 216) }
```

Background

The CSS property to change the background color of an element to RYB 155, 179, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 195, 216) }
```

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

```
.background{ background-color: rgb(155,  
195, 216) }
```

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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