

Converting Colors

`RYB(139, 171, 195)`

Have a look what the booklet for
RYB(139, 171, 195) contains.

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Color

R_YB(139, 171, 195)

Conversions

Conversions Part 1

Format	Color
Hex	8BC3B5
RGB	139, 195, 181
RGB Percent	55%, 76%, 71%
CMY	0.4549, 0.2353, 0.2902
CMYK	0.29, 0.00, 0.07, 0.24
HSL	165°, 32%, 65%
HSV	165°, 29%, 76%
XYZ	38.5031, 47.8554, 50.9237
YIQ	176.6600, -28.8820, -16.2260

Conversions

Conversions Part 2

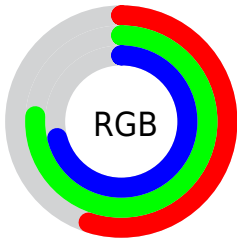
Format	Color
RYB	139, 171, 195
Decimal	9159605
CIELab	74.73, -21.13, 1.19
CIELCh	75, 21.166, 176.770
Yxy	47.8554, 0.2805, 0.3486
Android (android.graphics.Color)	4287349685 (0xFF8BC3B5)
YUV	176.6600, 2.1396, -33.0278
Hunter-Lab	69.1776, -21.7107, 4.7791

Details

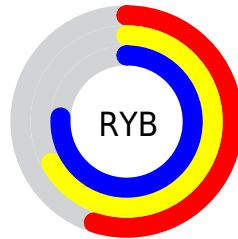
The RYB color **139, 171, 195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195, 139, 153**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **194, 227, 252**, and **87, 118, 141** is the 20% darker color. If you saturate the color by 10%, you get **119, 162, 195**, and if you desaturate by 10%, it is **158, 179, 195**.

Distribution



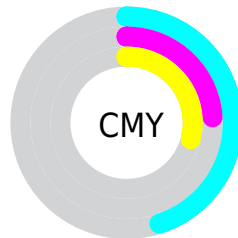
- Red (55%)
- Green (76%)
- Blue (71%)



- Red (55%)
- Yellow (67%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (45%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 171, 195 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 139, 171, 195 by changing the saturation by 10% instead.

 139, 171, 195


255, 255, 255


 194, 227, 252

 222, 239, 255

 251, 253, 255

 139, 171, 195

 113, 145, 168


 87, 118, 141

 62, 92, 115

 36, 67, 91

 6, 40, 67

 0, 25, 44

 0, 17, 26


 0, 0, 0


 139, 171, 195

 139, 171, 195

 119, 162, 195


 158, 179, 195

 100, 154, 195


 178, 188, 195


 80, 146, 195


 197, 195, 196

 61, 137, 195


 217, 195, 200

 41, 129, 195


 236, 195, 205

 22, 121, 195

 255, 195, 210

 2, 112, 195

 255, 195, 215

 0, 112, 195

 255, 195, 220

 255, 195, 225

Harmonies

Analogous

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



158, 189, 193



139, 171, 195



130, 164, 201

Triad

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



139, 171, 195



185, 180, 219



217, 190, 152

Complementary

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



139, 171, 195



195, 139, 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.



224, 171, 167



139, 171, 195



207, 174, 206

Square

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



139, 171, 195



159, 178, 222



221, 170, 187



174, 201, 145

Rectangle

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



139, 171, 195



133, 167, 212



221, 170, 187



220, 181, 156

Sweetspot

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



139, 171, 195



230, 242, 252



139, 195, 181



113, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 171, 195



167, 215, 252



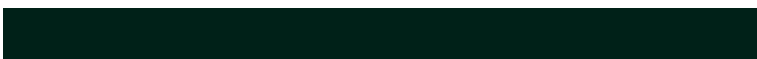
139, 163, 195



87, 93, 97



0, 92, 161



0, 19, 33

Inverse Universe

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



195, 139, 153



252, 167, 188



195, 158, 139



97, 87, 90



161, 0, 40



33, 0, 8

Previews

White Background



This preview shows how the RYB color 139, 171, 195 looks on a white background.

Color Contrast Check

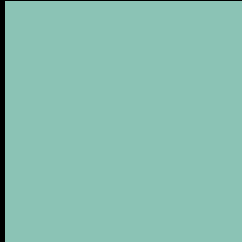
Large Text (above 18pt) WCAG AA × Fail

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 139, 171, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

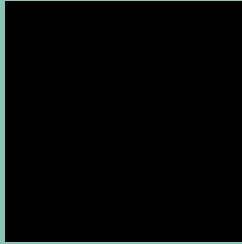
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

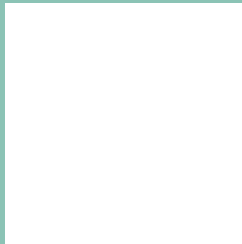
Any Text WCAG AAA ✓ Pass

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

RYB 139, 171, 195 Background



This preview shows how black text looks on a background with the RYB color 139, 171, 195.

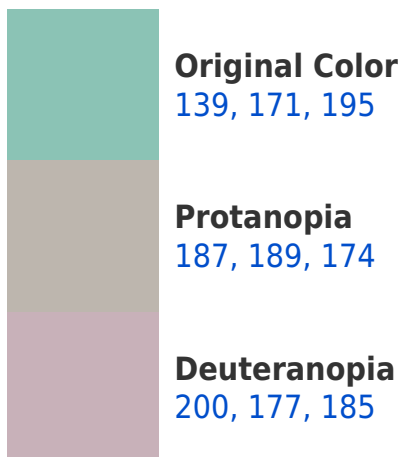


This preview shows how white text looks on a background with the RYB color 139, 171, 195.

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](#).

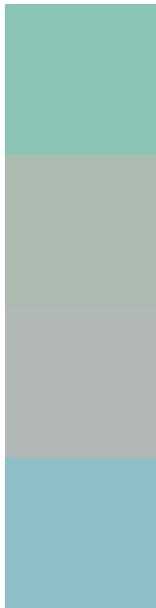
Dichromacy





Tritanopia
144, 171, 207

Trichromacy



Original Color
139, 171, 195

Protanomaly
171, 183, 187

Deuteranomaly
178, 181, 184

Tritanomaly
142, 168, 198

Monochromacy



Original Color
139, 171, 195

Achromatopsia
177, 177, 177

Achromatomaly
163, 175, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 171, 195 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(139, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(139, 195, 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(139, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 195, 181) }
```

Border

The CSS property to change the border of an element to RYB 139, 171, 195 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(139, 195, 181) }
```

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

```
.border{ border-color:rgb(139, 195, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(139, 195,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 139, 171, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 195, 181) }
```

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

```
.background{ background-color: rgb(139,  
195, 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](#).

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