

Converting Colors

`RYB(136, 159, 179)`

Have a look what the booklet for
RYB(136, 159, 179) contains.

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Color

R_YB(136, 159, 179)

Conversions

Conversions Part 1

Format	Color
Hex	88B3AD
RGB	136, 179, 173
RGB Percent	53%, 70%, 68%
CMY	0.4667, 0.2980, 0.3200
CMYK	0.24, 0.00, 0.03, 0.30
HSL	172°, 22%, 62%
HSV	172°, 24%, 70%
XYZ	33.8542, 40.5067, 45.7683
YIQ	165.4590, -23.7020, -10.9820

Conversions

Conversions Part 2

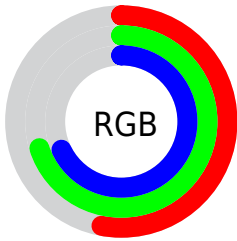
Format	Color
RYB	136, 159, 179
Decimal	8958893
CIELab	69.83, -15.52, -1.84
CIELCh	70, 15.633, 186.750
Yxy	40.5067, 0.2818, 0.3372
Android (android.graphics.Color)	4287148973 (0xFF88B3AD)
YUV	165.4590, 3.7177, -25.8355
Hunter-Lab	63.6449, -16.4303, 1.9149

Details

The RYB color **136, 159, 179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179, 136, 142**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **190, 214, 235**, and **85, 107, 126** is the 20% darker color. If you saturate the color by 10%, you get **118, 151, 179**, and if you desaturate by 10%, it is **154, 167, 179**.

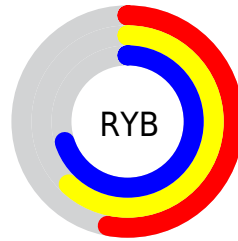
Distribution



Red (53%)

Green (70%)

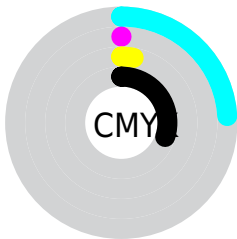
Blue (68%)



Red (53%)

Yellow (62%)

Blue (70%)

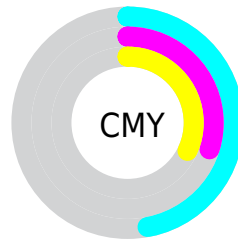


Cyan (24%)

Magenta (0%)

Yellow (3%)

Black (30%)



Cyan (47%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 159, 179 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 136, 159, 179 by changing the saturation by 10% instead.


 136, 159, 179

255, 255, 255


 190, 214, 235


 218, 237, 255

 247, 251, 255


 136, 159, 179


 110, 132, 152

 85, 107, 126

 60, 82, 101

 36, 58, 77

 11, 34, 54

 0, 18, 33

 0, 0, 4


 0, 0, 0


 136, 159, 179


 136, 159, 179


 118, 151, 179


 154, 167, 179

 100, 142, 179


 172, 176, 179

 82, 134, 179


 190, 179, 180

 64, 126, 179


 208, 179, 183

 47, 118, 179

 226, 179, 185

 29, 109, 179

 243, 179, 187

 11, 101, 179

 255, 179, 190

 0, 96, 179

 255, 179, 192

 255, 179, 194

Harmonies

Analogous

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



147, 169, 178



136, 159, 179



134, 158, 187

Triad

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



136, 159, 179



177, 166, 193



192, 183, 145

Complementary

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



136, 159, 179



179, 136, 142

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.



200, 164, 154



136, 159, 179



192, 162, 182

Square

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



136, 159, 179



159, 168, 199



200, 161, 168



153, 179, 143

Rectangle

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



136, 159, 179



139, 161, 194



200, 161, 168



195, 176, 147

Sweetspot

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



136, 159, 179



216, 225, 232



136, 179, 173



108, 113, 117



245, 245, 245



117, 117, 117

Same Dimension

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



136, 159, 179



165, 201, 232



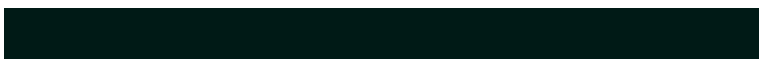
136, 153, 179



80, 85, 89



0, 82, 153



0, 14, 26

Inverse Universe

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



179, 136, 142



232, 165, 174



179, 161, 136



89, 80, 81



153, 0, 20



26, 0, 3

Previews

White Background



This preview shows how the RYB color 136, 159, 179 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 136, 159, 179 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 136, 159, 179 Background



This preview shows how black text looks on a background with the RYB color 136, 159, 179.



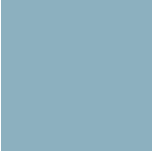
This preview shows how white text looks on a background with the RYB color 136, 159, 179.

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
140, 161, 191

Trichromacy



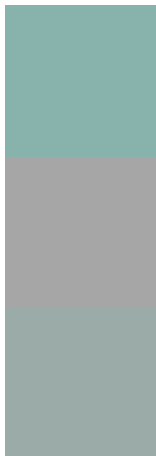
Original Color
136, 159, 179

Protanomaly
160, 167, 173

Deuteranomaly
167, 169, 175

Tritanomaly
139, 160, 185

Monochromacy



Original Color
136, 159, 179

Achromatopsia
166, 166, 166

Achromatomaly
155, 164, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 159, 179 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(136, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(136, 179, 173)  
}
```

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(136, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 179, 173) }
```

Border

The CSS property to change the border of an element to RYB 136, 159, 179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

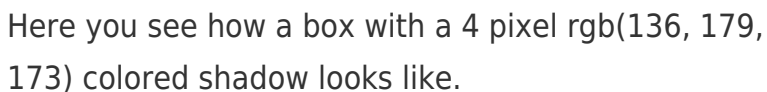
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 179, 173) }
```

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

```
.border{ border-color:rgb(136, 179, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 179, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 179, 173); box-shadow:4px 4px 4px 4px rgb(136, 179, 173) }
```

Background

The CSS property to change the background color of an element to RYB 136, 159, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 179, 173) }
```

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

```
.background{ background-color: rgb(136,  
179, 173) }
```

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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