

Converting Colors

`RYB(157, 179, 196)`

Have a look what the booklet for
RYB(157, 179, 196) contains.

RYB(157, 179, 196)	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(157, 179, 196)

Conversions

Conversions Part 1

Format	Color
Hex	9DC4BB
RGB	157, 196, 187
RGB Percent	62%, 77%, 73%
CMY	0.3843, 0.2314, 0.2661
CMYK	0.20, 0.00, 0.05, 0.23
HSL	166°, 25%, 69%
HSV	166°, 20%, 77%
XYZ	42.6288, 50.2417, 54.5411
YIQ	183.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

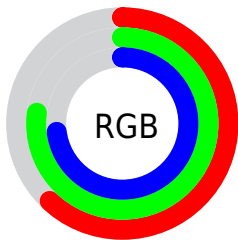
Format	Color
RYB	157, 179, 196
Decimal	10339515
CIELab	76.22, -14.76, 0.16
CIElCh	76, 14.760, 179.384
Yxy	50.2417, 0.2892, 0.3408
Android (android.graphics.Color)	4288529595 (0xFF9DC4BB)
YUV	183.3130, 1.8177, -23.0765
Hunter-Lab	70.8813, -16.6905, 3.9950

Details

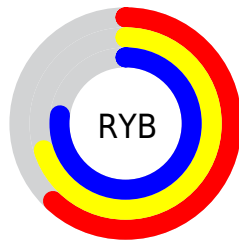
The RYB color **157, 179, 196** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **196, 157, 166**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **212, 235, 253**, and **105, 126, 142** is the 20% darker color. If you saturate the color by 10%, you get **137, 170, 196**, and if you desaturate by 10%, it is **177, 188, 196**.

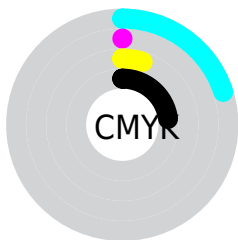
Distribution



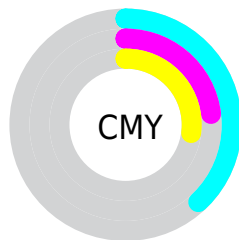
- Red (62%)
- Green (77%)
- Blue (73%)



- Red (62%)
- Yellow (70%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (38%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 179, 196 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 157, 179, 196 by changing the saturation by 10% instead.


 157, 179, 196

255, 255, 255


 212, 235, 253


 241, 248, 255

 157, 179, 196

 131, 153, 169


 105, 126, 142

 80, 101, 117


 56, 76, 92

 33, 52, 68


 9, 29, 46

 0, 15, 26


 0, 0, 0

 157, 179, 196


 157, 179, 196


 137, 170, 196


 177, 188, 196

 118, 162, 196


 196, 196, 196

 98, 153, 196


 216, 196, 201

 79, 145, 196


 235, 196, 205

 59, 136, 196

 255, 196, 209

 39, 128, 196

 255, 196, 214

 20, 119, 196

 255, 196, 218

 0, 111, 196

 255, 196, 223

 255, 196, 227

Harmonies

Analogous

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



169, 190, 194



157, 179, 196



153, 176, 201

Triad

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



157, 179, 196



190, 185, 212



211, 195, 165

Complementary

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



157, 179, 196



196, 157, 166

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.



217, 179, 175



157, 179, 196



206, 181, 202

Square

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



157, 179, 196



173, 185, 215



215, 179, 189



179, 199, 161

Rectangle

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



157, 179, 196



156, 178, 208



215, 179, 189



214, 186, 168

Sweetspot

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



157, 179, 196



240, 248, 255



157, 196, 187



119, 124, 128



0, 0, 0



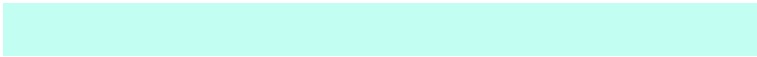
128, 128, 128

Same Dimension

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



157, 179, 196



194, 228, 255



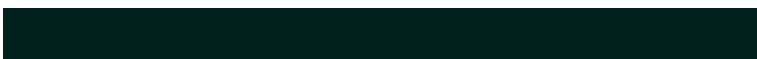
157, 174, 196



87, 93, 97



0, 91, 161



0, 18, 33

Inverse Universe

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



196, 157, 166



255, 194, 208



196, 170, 157



97, 87, 89



161, 0, 37



33, 0, 8

Previews

White Background



This preview shows how the RYB color 157, 179, 196 looks on a white background.

Color Contrast Check

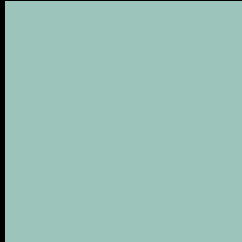
Large Text (above 18pt) WCAG AA × Fail

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 157, 179, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

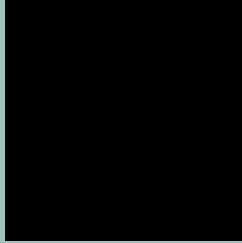
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

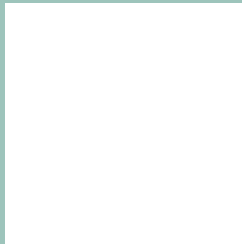
Any Text WCAG AAA ✓ Pass

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

RYB 157, 179, 196 Background



This preview shows how black text looks on a background with the RYB color 157, 179, 196.

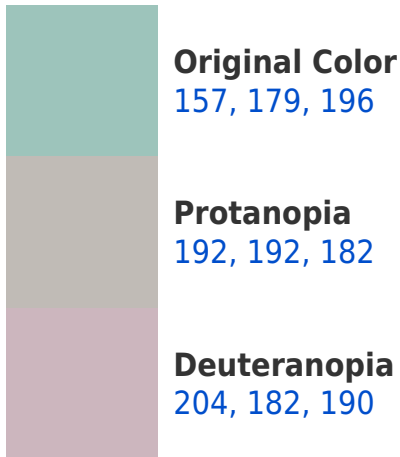


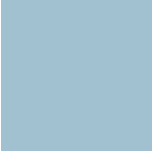
This preview shows how white text looks on a background with the RYB color 157, 179, 196.

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](#).

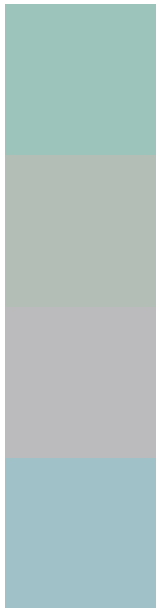
Dichromacy





Tritanopia
161, 180, 208

Trichromacy



Original Color
157, 179, 196

Protanomaly
179, 187, 190

Deuteranomaly
187, 187, 189

Tritanomaly
160, 178, 200

Monochromacy



Original Color
157, 179, 196

Achromatopsia
183, 183, 183

Achromatomaly
174, 182, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 179, 196 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(157, 196, 187)` looks like.

```
.text, #text, p{  
    color:rgb(157, 196, 187)  
}
```

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(157, 196, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 196, 187) }
```

Border

The CSS property to change the border of an element to RYB 157, 179, 196 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(157, 196, 187) }
```

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

```
.border{ border-color:rgb(157, 196, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 196, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 196, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 196, 187);  
box-shadow:4px 4px 4px 4px rgb(157, 196,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 157, 179, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 196, 187) }
```

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

```
.background{ background-color: rgb(157,  
196, 187) }
```

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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