

Converting Colors

`RYB(151, 182, 203)`

Have a look what the booklet for
RYB(151, 182, 203) contains.

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Color

$\text{RYB}(151, 182, 203)$

Conversions

Conversions Part 1

Format	Color
Hex	97CBBA
RGB	151, 203, 186
RGB Percent	59%, 80%, 73%
CMY	0.4078, 0.2039, 0.2697
CMYK	0.26, 0.00, 0.08, 0.20
HSL	161°, 33%, 69%
HSV	161°, 26%, 80%
XYZ	43.0054, 52.8460, 54.5140
YIQ	185.5140, -25.5350, -16.3110

Conversions

Conversions Part 2

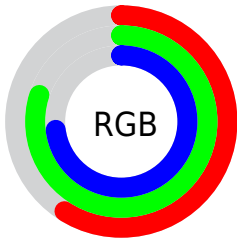
Format	Color
RYB	151, 182, 203
Decimal	9948090
CIELab	77.78, -20.39, 2.89
CIELCh	78, 20.592, 171.943
Yxy	52.8460, 0.2860, 0.3515
Android (android.graphics.Color)	4288138170 (0xFF97CBBA)
YUV	185.5140, 0.2396, -30.2688
Hunter-Lab	72.6952, -21.6188, 6.4252

Details

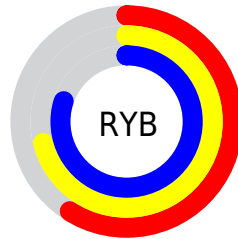
The RYB color **151, 182, 203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **203, 151, 168**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **206, 234, 255**, and **99, 129, 149** is the 20% darker color. If you saturate the color by 10%, you get **131, 174, 203**, and if you desaturate by 10%, it is **171, 190, 203**.

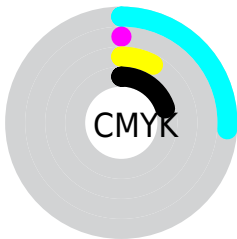
Distribution



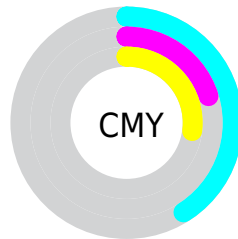
- Red (59%)
- Green (80%)
- Blue (73%)



- Red (59%)
- Yellow (71%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (41%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 182, 203 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 151, 182, 203 by changing the saturation by 10% instead.

 151, 182, 203


255, 255, 255


 206, 234, 255

 235, 245, 255

 151, 182, 203

 124, 154, 175

 99, 129, 149

 73, 102, 123

 49, 78, 98

 24, 53, 74


 0, 29, 51


 0, 20, 31


 0, 0, 0


 151, 182, 203


 151, 182, 203

 131, 174, 203


 171, 190, 203

 110, 165, 203

 192, 199, 203

 90, 157, 203


 212, 203, 206

 70, 149, 203

 232, 203, 212

 50, 141, 203

 253, 203, 219

 29, 133, 203

 255, 203, 226

 9, 125, 203

 255, 203, 232

 0, 121, 203

 255, 203, 239

 255, 203, 245

Harmonies

Analogous

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



168, 200, 198



151, 182, 203



141, 173, 206

Triad

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



151, 182, 203



189, 189, 228



227, 192, 163

Complementary

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



151, 182, 203



203, 151, 168

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.



232, 179, 179



151, 182, 203



212, 183, 216

Square

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



151, 182, 203



164, 186, 230



227, 179, 198



194, 212, 155

Rectangle

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



151, 182, 203



142, 175, 217



227, 179, 198



230, 186, 168

Sweetspot

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



151, 182, 203



235, 247, 255



151, 203, 186



115, 123, 128



0, 0, 0



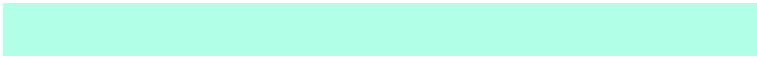
128, 128, 128

Same Dimension

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



151, 182, 203



176, 223, 255



151, 175, 203



92, 98, 102



0, 99, 166



0, 23, 38

Inverse Universe

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



203, 151, 168



255, 176, 201



203, 162, 151



102, 92, 95



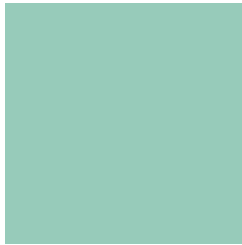
166, 0, 53



38, 0, 12

Previews

White Background



This preview shows how the RYB color 151, 182, 203 looks on a white background.

Color Contrast Check

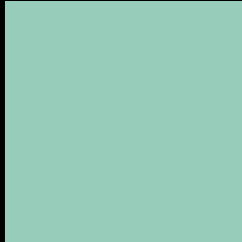
Large Text (above 18pt) WCAG AA × Fail

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 151, 182, 203 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 151, 182, 203 Background



This preview shows how black text looks on a background with the RYB color 151, 182, 203.

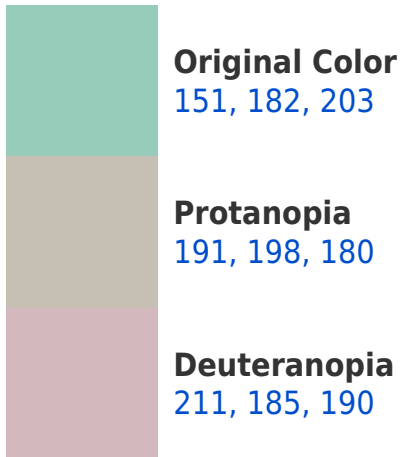


This preview shows how white text looks on a background with the RYB color 151, 182, 203.

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, 181, 215

Trichromacy



Original Color
151, 182, 203

Protanomaly
181, 194, 195

Deuteranomaly
189, 192, 192

Tritanomaly
155, 179, 205

Monochromacy



Original Color
151, 182, 203

Achromatopsia
186, 186, 186

Achromatomaly
173, 184, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 182, 203 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(151, 203, 186)` looks like.

```
.text, #text, p{  
    color:rgb(151, 203, 186)  
}
```

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(151, 203, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 203, 186) }
```

Border

The CSS property to change the border of an element to RYB 151, 182, 203 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(151, 203, 186) }
```

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

```
.border{ border-color:rgb(151, 203, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 203, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 203, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 203, 186);  
box-shadow:4px 4px 4px 4px rgb(151, 203,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 151, 182, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 203, 186) }
```

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

```
.background{ background-color: rgb(151,  
203, 186) }
```

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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