

Converting Colors

`RYB(153, 178, 211)`

Have a look what the booklet for RYB(153, 178, 211) contains.

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Color

`RYB(153, 178, 211)`

Conversions

Conversions Part 1

Format	Color
Hex	99C5D3
RGB	153, 197, 211
RGB Percent	60%, 77%, 83%
CMY	0.4000, 0.2277, 0.1725
CMYK	0.27, 0.07, 0.00, 0.17
HSL	195°, 40%, 71%
HSV	195°, 27%, 83%
XYZ	44.8472, 51.3804, 69.1817
YIQ	185.4400, -30.7180, -4.9740

Conversions

Conversions Part 2

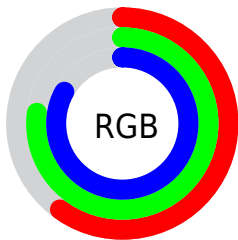
Format	Color
RYB	153, 178, 211
Decimal	10077651
CIELab	76.91, -11.21, -11.75
CIElCh	77, 16.242, 226.342
Yxy	51.3804, 0.2711, 0.3106
Android (android.graphics.Color)	4288267731 (0xFF99C5D3)
YUV	185.4400, 12.6011, -28.4499
Hunter-Lab	71.6801, -13.7604, -7.0473

Details

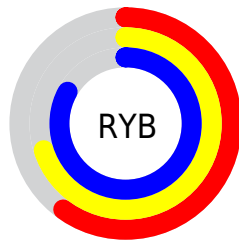
The RYB color **153, 178, 211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **211, 171, 153**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **208, 231, 255**, and **100, 124, 156** is the 20% darker color. If you saturate the color by 10%, you get **132, 166, 211**, and if you desaturate by 10%, it is **174, 190, 211**.

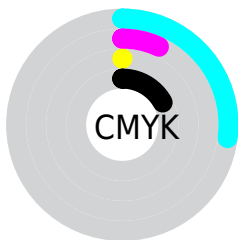
Distribution



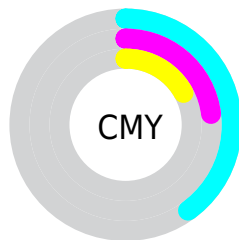
- Red (60%)
- Green (77%)
- Blue (83%)



- Red (60%)
- Yellow (70%)
- Blue (83%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 178, 211 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 153, 178, 211 by changing the saturation by 10% instead.


 153, 178, 211


255, 255, 255

 208, 231, 255

 237, 246, 255

 153, 178, 211

 126, 151, 183


 100, 124, 156

 75, 99, 130

 49, 74, 105

 23, 49, 81

 0, 26, 58

 0, 15, 36

 0, 1, 15

 0, 0, 0

■ 153, 178, 211

■ 153, 178, 211

■ 132, 166, 211

■ 174, 190, 211

■ 111, 154, 211

■ 195, 202, 211

■ 90, 142, 211

■ 216, 212, 211

■ 69, 130, 211

■ 237, 219, 211

■ 47, 118, 211

■ 255, 228, 211

■ 26, 106, 211

■ 255, 239, 211

■ 5, 94, 211

■ 255, 255, 211

■ 0, 91, 211

■ 239, 255, 211

■ 228, 255, 211

Harmonies

Analogous

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



151, 175, 199



153, 178, 211



165, 183, 219

Triad

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



153, 178, 211



216, 180, 197



163, 193, 161

Complementary

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



153, 178, 211



211, 171, 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.



205, 209, 161



153, 178, 211



222, 180, 182

Square

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



153, 178, 211



203, 183, 211



219, 187, 169



169, 196, 189

Rectangle

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



153, 178, 211



177, 187, 219



219, 187, 169



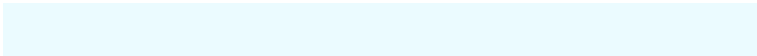
172, 199, 160

Sweetspot

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



153, 178, 211



235, 244, 255



153, 200, 211



115, 120, 128



0, 0, 0



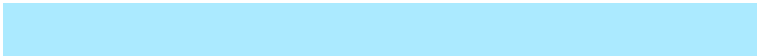
128, 128, 128

Same Dimension

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



153, 178, 211



171, 207, 255



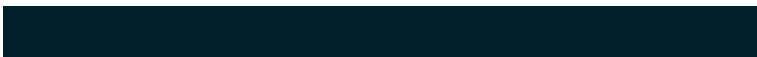
153, 165, 211



94, 99, 105



0, 73, 168



0, 18, 41

Inverse Universe

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



211, 153, 197



255, 171, 235



173, 211, 153



105, 94, 102



168, 0, 128



41, 0, 31

Previews

White Background



This preview shows how the RYB color 153, 178, 211 looks on a white background.

Color Contrast Check

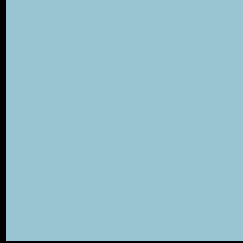
Large Text (above 18pt) WCAG AA × Fail

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 153, 178, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

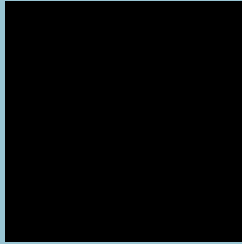
Any Text WCAG AA ✓ Pass

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 153, 178, 211 Background



This preview shows how black text looks on a background with the RYB color 153, 178, 211.

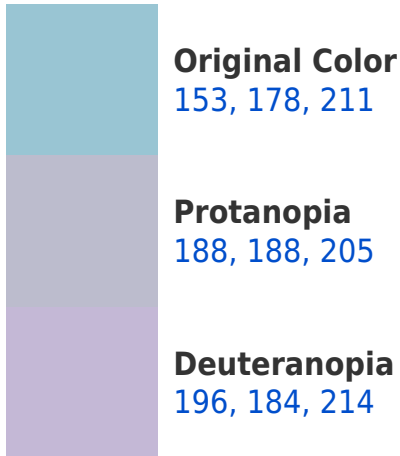


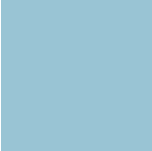
This preview shows how white text looks on a background with the RYB color 153, 178, 211.

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
153, 178, 212

Trichromacy



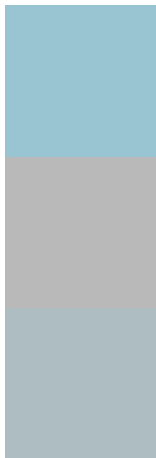
Original Color
153, 178, 211

Protanomaly
175, 186, 207

Deuteranomaly
180, 187, 213

Tritanomaly
153, 178, 212

Monochromacy



Original Color
153, 178, 211

Achromatopsia
185, 185, 185

Achromatomaly
173, 182, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 178, 211 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(153, 197, 211) looks like.

```
.text, #text, p{  
    color:rgb(153, 197, 211)  
}
```

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(153, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 197, 211) }
```

Border

The CSS property to change the border of an element to RYB 153, 178, 211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

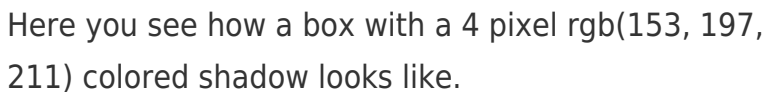
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 197, 211) }
```

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

```
.border{ border-color:rgb(153, 197, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 197, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 197, 211); box-shadow:4px 4px 4px 4px rgb(153, 197, 211) }
```

Background

The CSS property to change the background color of an element to RYB 153, 178, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 197, 211) }
```

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

```
.background{ background-color: rgb(153,  
197, 211) }
```

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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