

Converting Colors

`RYB(153, 177, 200)`

Have a look what the booklet for
RYB(153, 177, 200) contains.

RYB(153, 177, 200)	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(153, 177, 200)

Conversions

Conversions Part 1

Format	Color
Hex	99C8C6
RGB	153, 200, 198
RGB Percent	60%, 78%, 78%
CMY	0.4000, 0.2157, 0.2234
CMYK	0.24, 0.00, 0.01, 0.22
HSL	178°, 30%, 69%
HSV	178°, 24%, 78%
XYZ	43.9890, 52.1600, 61.2007
YIQ	185.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

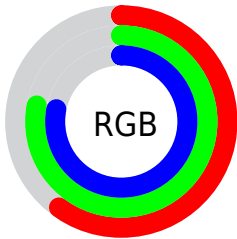
Format	Color
RYB	153, 177, 200
Decimal	10078406
CIELab	77.38, -15.73, -4.06
CIElCh	77, 16.243, 194.479
Yxy	52.1600, 0.2796, 0.3315
Android (android.graphics.Color)	4288268486 (0xFF99C8C6)
YUV	185.7190, 6.0545, -28.6946
Hunter-Lab	72.2219, -17.6673, 0.3131

Details

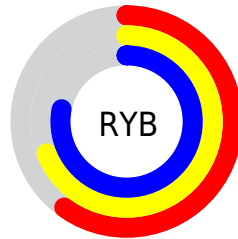
The RYB color **153, 177, 200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200, 153, 155**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **208, 232, 255**, and **101, 124, 146** is the 20% darker color. If you saturate the color by 10%, you get **133, 167, 200**, and if you desaturate by 10%, it is **173, 187, 200**.

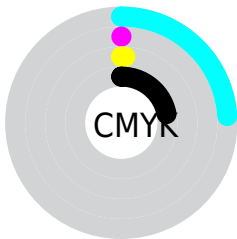
Distribution



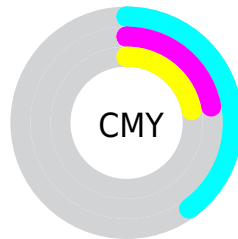
- Red (60%)
- Green (78%)
- Blue (78%)



- Red (60%)
- Yellow (69%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 177, 200 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, 177, 200 by changing the saturation by 10% instead.

 153, 177, 200

255, 255, 255

 208, 232, 255


 237, 246, 255

 153, 177, 200

 126, 150, 173

 101, 124, 146

 75, 98, 120

 51, 73, 95

 26, 49, 71

 0, 25, 49

 0, 15, 29

 0, 0, 0

 153, 177, 200

 153, 177, 200

■ 133, 167, 200

■ 173, 187, 200

■ 113, 158, 200

■ 193, 197, 200

■ 93, 148, 200

■ 213, 200, 201

■ 73, 138, 200

■ 233, 200, 201

■ 53, 128, 200

■ 253, 200, 202

■ 33, 118, 200

■ 255, 200, 203

■ 13, 109, 200

■ 255, 200, 204

■ 0, 102, 200

■ 255, 200, 205

■ 255, 200, 206

Harmonies

Analogous

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



162, 186, 199



153, 177, 200



154, 179, 212

Triad

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



153, 177, 200



203, 185, 213



211, 211, 163

Complementary

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



153, 177, 200



200, 153, 155

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.



221, 187, 171



153, 177, 200



217, 182, 200

Square

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



153, 177, 200



184, 189, 220



223, 181, 184



165, 195, 162

Rectangle

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



153, 177, 200



161, 183, 218



223, 181, 184



215, 203, 164

Sweetspot

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



153, 177, 200



237, 246, 255



153, 200, 198



117, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



153, 177, 200



184, 220, 255



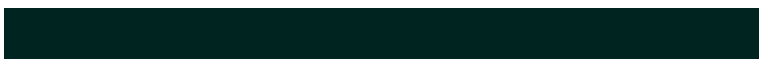
153, 170, 200



90, 95, 99



0, 83, 163



0, 19, 36

Inverse Universe

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



200, 153, 155



255, 184, 187



200, 191, 153



99, 90, 90



163, 0, 7



36, 0, 1

Previews

White Background



This preview shows how the RYB color 153, 177, 200 looks on a white background.

Color Contrast Check

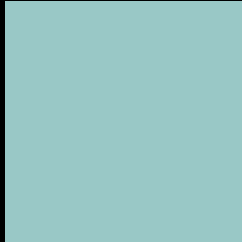
Large Text (above 18pt) WCAG AA × Fail

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, 177, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

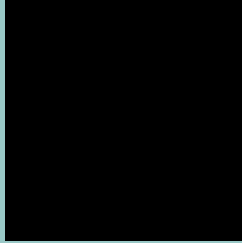
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

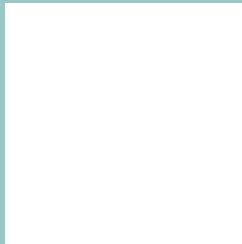
Any Text WCAG AAA ✓ Pass

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

RYB 153, 177, 200 Background



This preview shows how black text looks on a background with the RYB color 153, 177, 200.

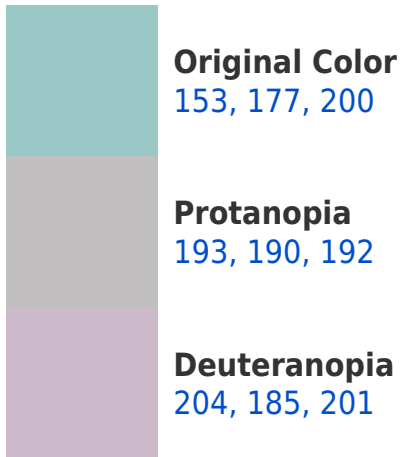


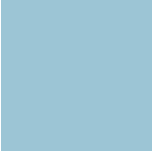
This preview shows how white text looks on a background with the RYB color 153, 177, 200.

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](#).

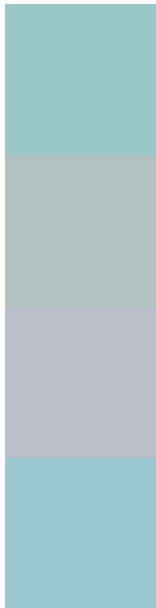
Dichromacy





Tritanopia
156, 180, 213

Trichromacy



Original Color
153, 177, 200

Protanomaly
178, 186, 194

Deuteranomaly
185, 189, 200

Tritanomaly
155, 179, 208

Monochromacy



Original Color
153, 177, 200

Achromatopsia
186, 186, 186

Achromatomaly
174, 183, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 177, 200 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, 200, 198)` looks like.

```
.text, #text, p{  
    color:rgb(153, 200, 198)  
}
```

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, 200, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 200, 198) }
```

Border

The CSS property to change the border of an element to RYB 153, 177, 200 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, 200, 198) }
```

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

```
.border{ border-color:rgb(153, 200, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 200, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 200, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 200, 198); box-shadow:4px 4px 4px 4px rgb(153, 200, 198) }
```

Background

The CSS property to change the background color of an element to RYB 153, 177, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 200, 198) }
```

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

```
.background{ background-color: rgb(153,  
200, 198) }
```

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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