

Converting Colors

`RYB(143, 177, 200)`

Have a look what the booklet for
RYB(143, 177, 200) contains.

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Color

R_YB(143, 177, 200)

Conversions

Conversions Part 1

Format	Color
Hex	8FC8B6
RGB	143, 200, 182
RGB Percent	56%, 78%, 71%
CMY	0.4392, 0.2157, 0.2880
CMYK	0.28, 0.00, 0.09, 0.22
HSL	161°, 34%, 67%
HSV	161°, 28%, 78%
XYZ	40.3799, 50.5074, 51.6379
YIQ	180.9050, -28.1940, -17.6820

Conversions

Conversions Part 2

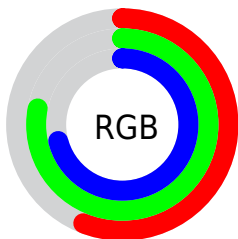
Format	Color
RYB	143, 177, 200
Decimal	9423030
CIELab	76.38, -22.31, 3.31
CIElCh	76, 22.555, 171.566
Yxy	50.5074, 0.2833, 0.3544
Android (android.graphics.Color)	4287613110 (0xFF8FC8B6)
YUV	180.9050, 0.5398, -33.2427
Hunter-Lab	71.0685, -22.9493, 6.6682

Details

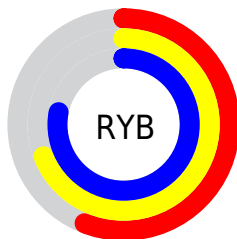
The RYB color **143, 177, 200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200, 143, 161**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **198, 231, 255**, and **91, 124, 146** is the 20% darker color. If you saturate the color by 10%, you get **123, 169, 200**, and if you desaturate by 10%, it is **163, 185, 200**.

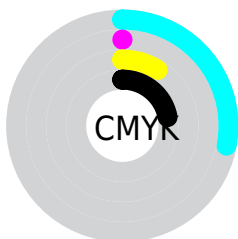
Distribution



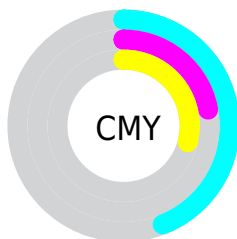
- Red (56%)
- Green (78%)
- Blue (71%)



- Red (56%)
- Yellow (69%)
- Blue (78%)



- Cyan (28%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (44%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 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 143, 177, 200 by changing the saturation by 10% instead.


 143, 177, 200


255, 255, 255

 198, 232, 255


 226, 241, 255

 143, 177, 200

 117, 150, 173

 91, 124, 146

 65, 97, 120


 40, 72, 95


 12, 45, 71

 0, 28, 48

 0, 20, 29


 0, 0, 0


 143, 177, 200


 143, 177, 200

 123, 169, 200


 163, 185, 200

 103, 161, 200


 183, 193, 200

 83, 153, 200


 203, 200, 201

 63, 145, 200

 223, 200, 207

 43, 137, 200

 243, 200, 214

 23, 128, 200

 255, 200, 220

 3, 121, 200

 255, 200, 227

 0, 119, 200

 255, 200, 233

 255, 200, 240

Harmonies

Analogous

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



162, 197, 195



143, 177, 200



131, 166, 203

Triad

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



143, 177, 200



184, 185, 227



226, 187, 157

Complementary

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



143, 177, 200



200, 143, 161

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, 174, 174



143, 177, 200



210, 178, 215

Square

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



143, 177, 200



156, 180, 229



226, 174, 195



190, 210, 148

Rectangle

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



143, 177, 200



132, 169, 215



226, 174, 195



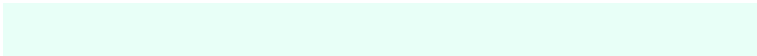
229, 181, 162

Sweetspot

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



143, 177, 200



232, 246, 255



143, 200, 181



113, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



143, 177, 200



168, 220, 255



143, 169, 200



90, 95, 99



0, 97, 163



0, 22, 36

Inverse Universe

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



200, 143, 161



255, 168, 196



200, 155, 143



99, 90, 93



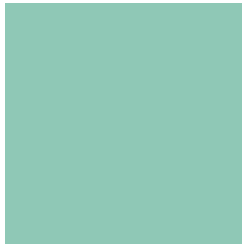
163, 0, 53



36, 0, 12

Previews

White Background



This preview shows how the RYB color 143, 177, 200 looks on a white background.

Color Contrast Check

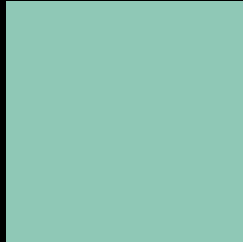
Large Text (above 18pt) WCAG AA × Fail

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 143, 177, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

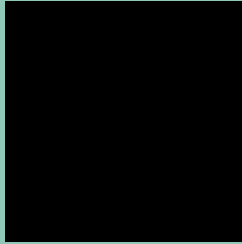
Any Text WCAG AA ✓ Pass

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 143, 177, 200 Background



This preview shows how black text looks on a background with the RYB color 143, 177, 200.

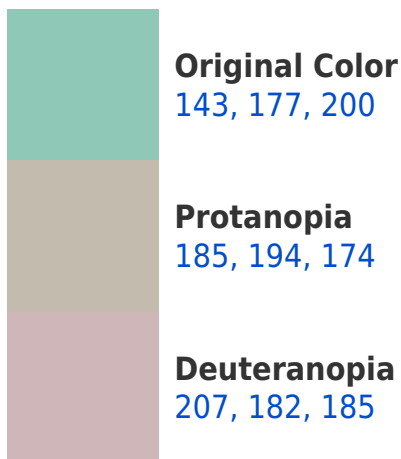


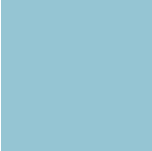
This preview shows how white text looks on a background with the RYB color 143, 177, 200.

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
149, 176, 211

Trichromacy



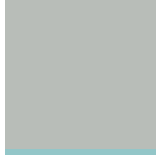
Original Color

143, 177, 200



Protanomaly

175, 190, 192



Deuteranomaly

184, 189, 189



Tritanomaly

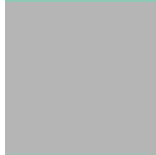
147, 173, 200

Monochromacy



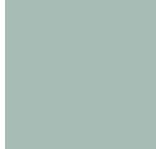
Original Color

143, 177, 200



Achromatopsia

181, 181, 181



Achromatomaly

167, 180, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 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(143, 200, 182)` looks like.

```
.text, #text, p{  
    color:rgb(143, 200, 182)  
}
```

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(143, 200, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 200, 182) }
```

Border

The CSS property to change the border of an element to RYB 143, 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(143, 200, 182) }
```

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

```
.border{ border-color:rgb(143, 200, 182) }
```

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

Here you see how a box with a 4 pixel rgb(143, 200, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 200, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 200, 182);  
box-shadow:4px 4px 4px 4px rgb(143, 200,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 143, 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(143, 200, 182) }
```

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

```
.background{ background-color: rgb(143,  
200, 182) }
```

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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