

Converting Colors

`RYB(140, 161, 182)`

Have a look what the booklet for RYB(140, 161, 182) contains.

RYB(140, 161, 182)	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

RYB(140, 161, 182)

Conversions

Conversions Part 1

Format	Color
Hex	8CB6B6
RGB	140, 182, 182
RGB Percent	55%, 71%, 71%
CMY	0.4510, 0.2863, 0.2863
CMYK	0.23, 0.00, 0.00, 0.29
HSL	180°, 22%, 63%
HSV	180°, 23%, 71%
XYZ	35.9867, 42.4087, 50.5450
YIQ	169.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

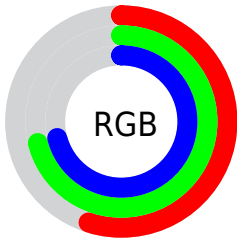
Format	Color
RYB	140, 161, 182
Decimal	9221814
CIELab	71.15, -13.94, -4.60
CIELCh	71, 14.674, 198.257
Yxy	42.4087, 0.2791, 0.3289
Android (android.graphics.Color)	4287411894 (0xFF8CB6B6)
YUV	169.4420, 6.1911, -25.8206
Hunter-Lab	65.1220, -15.3237, -0.4330

Details

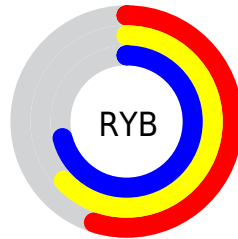
The RYB color **140, 161, 182** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182, 140, 140**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **194, 216, 238**, and **88, 109, 129** is the 20% darker color. If you saturate the color by 10%, you get **122, 152, 182**, and if you desaturate by 10%, it is **158, 170, 182**.

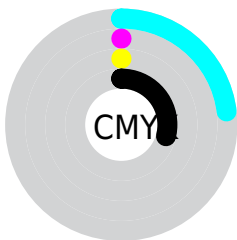
Distribution



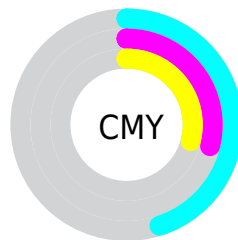
- Red (55%)
- Green (71%)
- Blue (71%)



- Red (55%)
- Yellow (63%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)




- Cyan (45%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 161, 182 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 140, 161, 182 by changing the saturation by 10% instead.


 140, 161, 182


255, 255, 255

 194, 216, 238

 223, 239, 255

 252, 254, 255

 140, 161, 182


 114, 135, 155

 88, 109, 129

 64, 84, 104


 40, 60, 80


 14, 36, 57

 0, 18, 36

 0, 6, 15

 0, 0, 0

 140, 161, 182

 140, 161, 182

■ 122, 152, 182

■ 158, 170, 182

■ 104, 143, 182

■ 176, 179, 182

■ 85, 134, 182

■ 195, 182, 182

■ 67, 125, 182

■ 213, 182, 182

■ 49, 116, 182

■ 231, 182, 182

■ 31, 107, 182

■ 249, 182, 182

■ 13, 98, 182

■ 255, 182, 182

■ 0, 91, 182

Harmonies

Analogous

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



147, 169, 182



140, 161, 182



142, 164, 194

Triad

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



140, 161, 182



186, 168, 192



183, 190, 148

Complementary

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



140, 161, 182



182, 140, 140

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.



200, 171, 155



140, 161, 182



198, 165, 180

Square

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



140, 161, 182



170, 173, 199



203, 165, 166



149, 176, 149

Rectangle

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



140, 161, 182



149, 167, 199



203, 165, 166



194, 187, 150

Sweetspot

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



140, 161, 182



221, 229, 237



140, 182, 182



110, 115, 120



247, 247, 247



120, 120, 120

Same Dimension

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



140, 161, 182



171, 204, 237



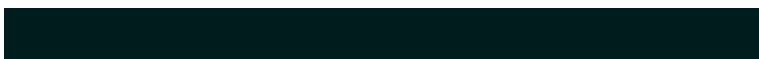
140, 154, 182



83, 88, 92



0, 78, 156



0, 14, 28

Inverse Universe

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



182, 140, 182



237, 171, 237



182, 182, 140



92, 83, 92



156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RYB color 140, 161, 182 looks on a white background.

Color Contrast Check

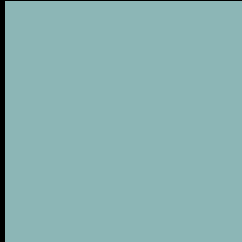
Large Text (above 18pt) WCAG AA × Fail

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 140, 161, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

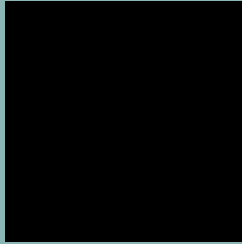
Any Text WCAG AA ✓ Pass

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 140, 161, 182 Background



This preview shows how black text looks on a background with the RYB color 140, 161, 182.



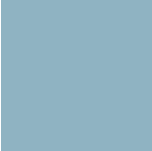
This preview shows how white text looks on a background with the RYB color 140, 161, 182.

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](#).

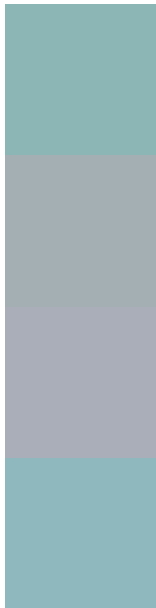
Dichromacy





Tritanopia
143, 164, 194

Trichromacy



Original Color

140, 161, 182

Protanomaly

163, 170, 179

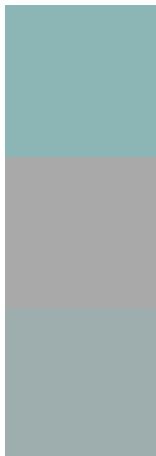
Deuteranomaly

169, 173, 184

Tritanomaly

142, 164, 190

Monochromacy



Original Color

140, 161, 182

Achromatopsia

169, 169, 169

Achromatomaly

158, 166, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 161, 182 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(140, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(140, 182, 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(140, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 182, 182) }
```

Border

The CSS property to change the border of an element to RYB 140, 161, 182 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(140, 182, 182) }
```

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

```
.border{ border-color:rgb(140, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(140, 182,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 140, 161, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 182, 182) }
```

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

```
.background{ background-color: rgb(140,  
182, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor