

Converting Colors

`RYB(137, 160, 183)`

Have a look what the booklet for RYB(137, 160, 183) contains.

RYB(137, 160, 183)	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(137, 160, 183)

Conversions

Conversions Part 1

Format	Color
Hex	89B7B7
RGB	137, 183, 183
RGB Percent	54%, 72%, 72%
CMY	0.4627, 0.2824, 0.2824
CMYK	0.25, 0.00, 0.00, 0.28
HSL	180°, 24%, 63%
HSV	180°, 25%, 72%
XYZ	35.7973, 42.6042, 51.1365
YIQ	169.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

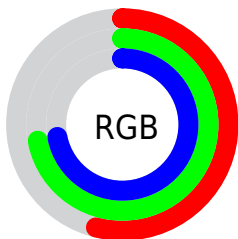
Format	Color
RYB	137, 160, 183
Decimal	9025463
CIELab	71.29, -15.15, -4.97
CIELCh	71, 15.942, 198.159
Yxy	42.6042, 0.2763, 0.3289
Android (android.graphics.Color)	4287215543 (0xFF89B7B7)
YUV	169.2460, 6.7807, -28.2797
Hunter-Lab	65.2719, -16.3306, -0.7597

Details

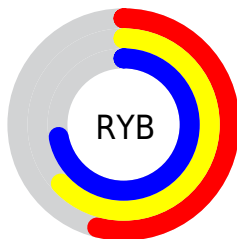
The RYB color **137, 160, 183** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **183, 137, 137**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **191, 215, 239**, and **85, 108, 130** is the 20% darker color. If you saturate the color by 10%, you get **119, 151, 183**, and if you desaturate by 10%, it is **155, 169, 183**.

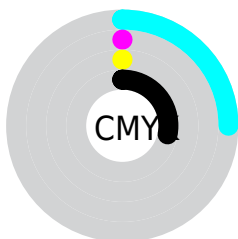
Distribution



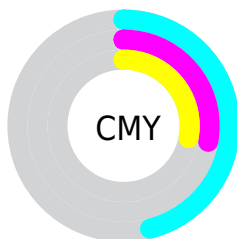
- Red (54%)
- Green (72%)
- Blue (72%)



- Red (54%)
- Yellow (63%)
- Blue (72%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)




- Cyan (46%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 160, 183 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 137, 160, 183 by changing the saturation by 10% instead.

 137, 160, 183


255, 255, 255


 191, 215, 239


 220, 238, 255

 249, 252, 255

 137, 160, 183


 111, 134, 156

 85, 108, 130

 60, 83, 105


 36, 58, 81


 8, 33, 58

 0, 18, 36

 0, 6, 16

 0, 0, 0

 137, 160, 183

 137, 160, 183

■ 119, 151, 183

■ 155, 169, 183

■ 100, 142, 183

■ 174, 179, 183

■ 82, 133, 183

■ 192, 183, 183

■ 64, 124, 183

■ 210, 183, 183

■ 45, 114, 183

■ 228, 183, 183

■ 27, 105, 183

■ 247, 183, 183

■ 9, 96, 183

■ 255, 183, 183

■ 0, 92, 183

Harmonies

Analogous

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



145, 169, 183



137, 160, 183



139, 163, 196

Triad

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



137, 160, 183



188, 168, 194



181, 192, 146

Complementary

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



137, 160, 183



183, 137, 137

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.



202, 173, 153



137, 160, 183



200, 165, 181

Square

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



137, 160, 183



170, 173, 202



205, 165, 166



148, 177, 147

Rectangle

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



137, 160, 183



147, 167, 201



205, 165, 166



196, 189, 148

Sweetspot

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



137, 160, 183



218, 228, 237



137, 183, 183



108, 114, 120



247, 247, 247



120, 120, 120

Same Dimension

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



137, 160, 183



166, 202, 237



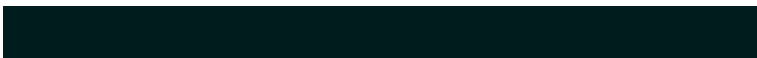
137, 152, 183



83, 88, 92



0, 78, 156



0, 14, 28

Inverse Universe

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



183, 137, 183



237, 166, 237



183, 183, 137



92, 83, 92



156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RYB color 137, 160, 183 looks on a white background.

Color Contrast Check

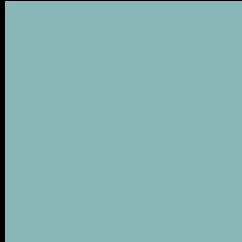
Large Text (above 18pt) WCAG AA × Fail

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 137, 160, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

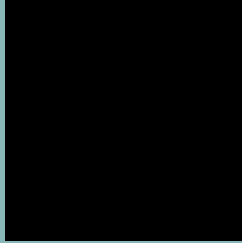
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

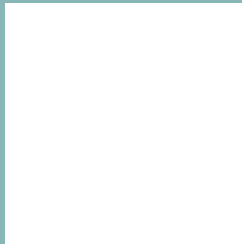
Any Text WCAG AAA ✓ Pass

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

RYB 137, 160, 183 Background



This preview shows how black text looks on a background with the RYB color 137, 160, 183.

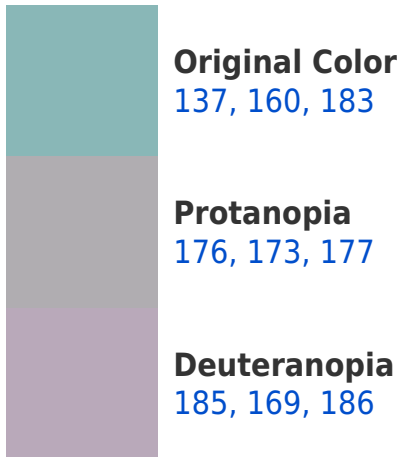


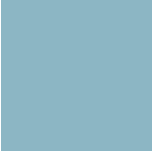
This preview shows how white text looks on a background with the RYB color 137, 160, 183.

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](#).

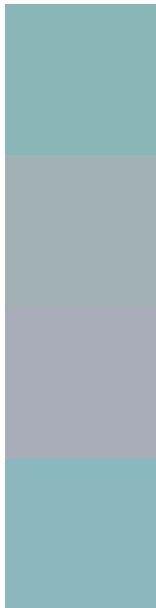
Dichromacy





Tritanopia
140, 164, 196

Trichromacy



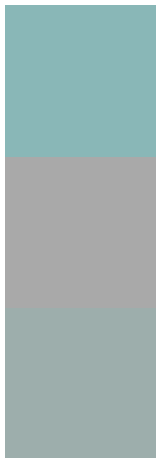
Original Color
137, 160, 183

Protanomaly
162, 170, 179

Deuteranomaly
168, 172, 185

Tritanomaly
139, 163, 191

Monochromacy



Original Color
137, 160, 183

Achromatopsia
169, 169, 169

Achromatomaly
157, 166, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 160, 183 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(137, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(137, 183, 183)  
}
```

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(137, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 183, 183) }
```

Border

The CSS property to change the border of an element to RYB 137, 160, 183 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(137, 183, 183) }
```

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

```
.border{ border-color:rgb(137, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(137, 183,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 137, 160, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 183, 183) }
```

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

```
.background{ background-color: rgb(137,  
183, 183) }
```

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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