

Converting Colors

`RYB(137, 170, 192)`

Have a look what the booklet for RYB(137, 170, 192) contains.

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Color

R_YB(137, 170, 192)

Conversions

Conversions Part 1

Format	Color
Hex	89C0AE
RGB	137, 192, 174
RGB Percent	54%, 75%, 68%
CMY	0.4627, 0.2471, 0.3190
CMYK	0.29, 0.00, 0.10, 0.25
HSL	160°, 30%, 65%
HSV	160°, 29%, 75%
XYZ	36.7737, 46.0606, 46.8266
YIQ	173.5030, -27.0020, -17.2580

Conversions

Conversions Part 2

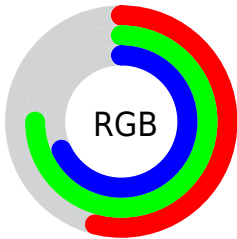
Format	Color
RYB	137, 170, 192
Decimal	9027758
CIELab	73.58, -21.80, 3.49
CIELCh	74, 22.083, 170.901
Yxy	46.0606, 0.2836, 0.3552
Android (android.graphics.Color)	4287217838 (0xFF89C0AE)
YUV	173.5030, 0.2450, -32.0131
Hunter-Lab	67.8680, -22.0503, 6.5995

Details

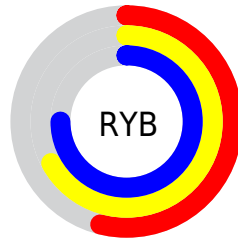
The RYB color **137, 170, 192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **192, 137, 155**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **192, 227, 249**, and **85, 116, 138** is the 20% darker color. If you saturate the color by 10%, you get **118, 163, 192**, and if you desaturate by 10%, it is **156, 178, 192**.

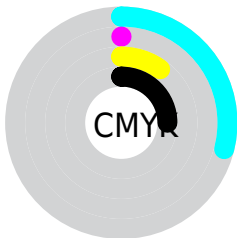
Distribution



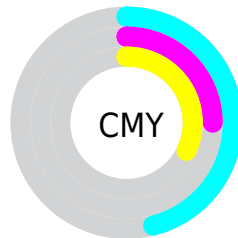
- Red (54%)
- Green (75%)
- Blue (68%)



- Red (54%)
- Yellow (67%)
- Blue (75%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (46%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 170, 192 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, 170, 192 by changing the saturation by 10% instead.

 137, 170, 192


255, 255, 255


 192, 227, 249


 220, 238, 255

 249, 252, 255

 137, 170, 192

 111, 143, 165


 85, 117, 138

 60, 91, 113

 35, 66, 88

 6, 39, 64

 0, 25, 42

 0, 18, 21


 0, 0, 0

 137, 170, 192


 137, 170, 192

 118, 163, 192


 156, 178, 192

 99, 155, 192


 175, 185, 192

 79, 147, 192

 195, 192, 193


 60, 139, 192


 214, 192, 199

 41, 131, 192


 233, 192, 206

 22, 124, 192

 252, 192, 212

 3, 116, 192

 255, 192, 218

 0, 115, 192

 255, 192, 225

 255, 192, 231

Harmonies

Analogous

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



155, 189, 186



137, 170, 192



125, 159, 194

Triad

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



137, 170, 192



176, 178, 218



217, 181, 150

Complementary

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



137, 170, 192



192, 137, 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.



223, 167, 167



137, 170, 192



201, 171, 207

Square

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



137, 170, 192



149, 172, 220



217, 167, 188



183, 202, 141

Rectangle

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



137, 170, 192



126, 162, 207



217, 167, 188



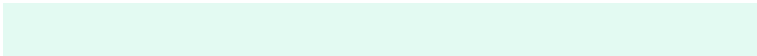
220, 173, 155

Sweetspot

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



137, 170, 192



227, 241, 250



137, 192, 174



111, 120, 125



252, 252, 252



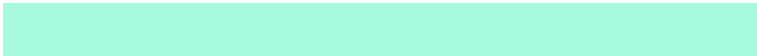
125, 125, 125

Same Dimension

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



137, 170, 192



165, 216, 250



137, 162, 192



87, 93, 97



0, 97, 161



0, 20, 33

Inverse Universe

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



192, 137, 155



250, 165, 193



192, 148, 137



97, 87, 90



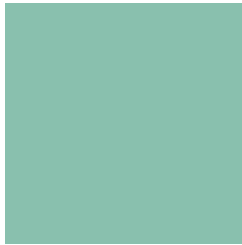
161, 0, 54



33, 0, 11

Previews

White Background



This preview shows how the RYB color 137, 170, 192 looks on a white background.

Color Contrast Check

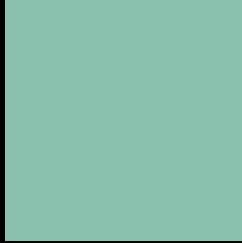
Large Text (above 18pt) WCAG AA × Fail

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, 170, 192 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, 170, 192 Background



This preview shows how black text looks on a background with the RYB color 137, 170, 192.

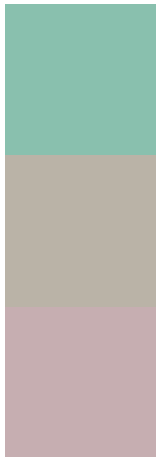


This preview shows how white text looks on a background with the RYB color 137, 170, 192.

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](#).

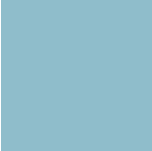
Dichromacy



Original Color
137, 170, 192

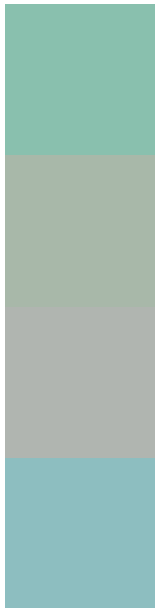
Protanopia
178, 186, 167

Deuteranopia
198, 174, 177



Tritanopia
143, 169, 203

Trichromacy



Original Color
137, 170, 192

Protanomaly
168, 183, 184

Deuteranomaly
176, 181, 181

Tritanomaly
141, 166, 192

Monochromacy



Original Color
137, 170, 192

Achromatopsia
173, 173, 173

Achromatomaly
160, 172, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 170, 192 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, 192, 174)` looks like.

```
.text, #text, p{  
    color:rgb(137, 192, 174)  
}
```

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, 192, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 192, 174) }
```

Border

The CSS property to change the border of an element to RYB 137, 170, 192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

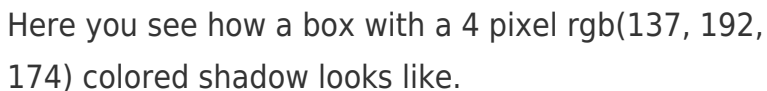
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 192, 174) }
```

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

```
.border{ border-color:rgb(137, 192, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 192, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 192, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 192, 174);  
box-shadow:4px 4px 4px 4px rgb(137, 192,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 137, 170, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 192, 174) }
```

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

```
.background{ background-color: rgb(137,  
192, 174) }
```

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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