

Converting Colors

`RYB(142, 177, 177)`

Have a look what the booklet for
RYB(142, 177, 177) contains.

RYB(142, 177, 177)	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(142, 177, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	8EB18E
RGB	142, 177, 142
RGB Percent	56%, 69%, 56%
CMY	0.4431, 0.3059, 0.4431
CMYK	0.20, 0.00, 0.20, 0.31
HSL	120°, 18%, 63%
HSV	120°, 20%, 69%
XYZ	31.7600, 39.1481, 31.4736
YIQ	162.5450, -9.6250, -18.3050

Conversions

Conversions Part 2

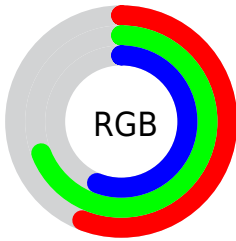
Format	Color
RYB	142, 177, 177
Decimal	9351566
CIELab	68.86, -18.81, 14.07
CIELCh	69, 23.486, 143.199
Yxy	39.1481, 0.3102, 0.3824
Android (android.graphics.Color)	4287541646 (0xFF8EB18E)
YUV	162.5450, -10.1287, -18.0180
Hunter-Lab	62.5684, -18.8875, 13.9734

Details

The RYB color **142, 177, 177** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177, 142, 177**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **196, 233, 233**, and **91, 123, 124** is the 20% darker color. If you saturate the color by 10%, you get **124, 177, 177**, and if you desaturate by 10%, it is **160, 177, 177**.

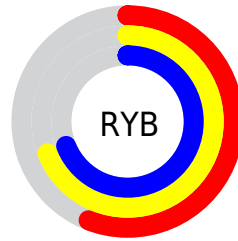
Distribution



Red (56%)

Green (69%)

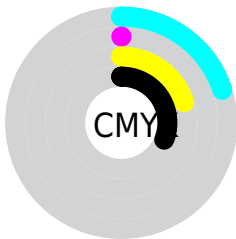
Blue (56%)



Red (56%)

Yellow (69%)

Blue (69%)

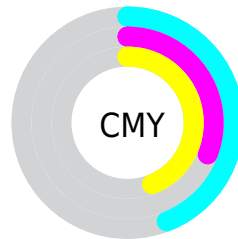


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (31%)



Cyan (44%)


Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 177, 177 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 142, 177, 177 by changing the saturation by 10% instead.


 142, 177, 177


255, 255, 255


 196, 233, 233

 224, 255, 255

 252, 255, 254


 142, 177, 177


 116, 150, 150

 91, 123, 124

 67, 98, 99


 44, 73, 75


 21, 48, 52


 0, 31, 31


 0, 0, 0

 142, 177, 177


 124, 177, 177

 142, 177, 177


 160, 177, 177


 107, 177, 177


 177, 177, 177


 89, 177, 177


 195, 177, 195

 71, 177, 177


 213, 177, 213

 54, 177, 177

 230, 177, 230

 36, 177, 177

 248, 177, 248

 18, 177, 177

 255, 177, 255

 0, 177, 177

Harmonies

Analogous

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



129, 172, 135



142, 177, 177



120, 155, 180

Triad

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



142, 177, 177



136, 160, 210



212, 153, 152

Complementary

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



142, 177, 177



177, 142, 177

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.



207, 153, 174



142, 177, 177



165, 164, 207

Square

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



142, 177, 177



113, 150, 201



191, 157, 194



205, 169, 135

Rectangle

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



142, 177, 177



110, 146, 180



191, 157, 194



211, 153, 159

Sweetspot

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



142, 177, 177



216, 230, 230



142, 177, 142



107, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



142, 177, 177



174, 230, 230



142, 165, 177



80, 89, 89



0, 153, 153



0, 26, 26

Inverse Universe

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



177, 142, 177



230, 174, 230



177, 142, 160



89, 80, 89



153, 0, 153



26, 0, 26

Previews

White Background



This preview shows how the RYB color 142, 177, 177 looks on a white background.

Color Contrast Check

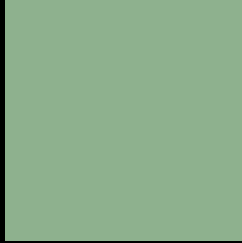
Large Text (above 18pt) WCAG AA × Fail

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 142, 177, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

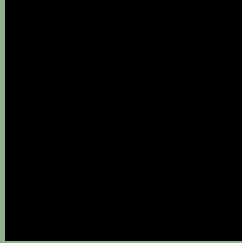
Any Text WCAG AA ✓ Pass

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 142, 177, 177 Background



This preview shows how black text looks on a background with the RYB color 142, 177, 177.

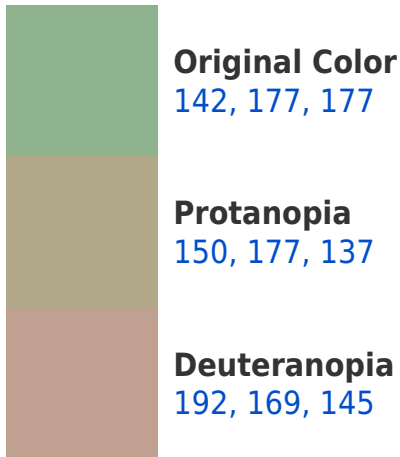


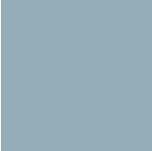
This preview shows how white text looks on a background with the RYB color 142, 177, 177.

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, 163, 185

Trichromacy



Original Color
142, 177, 177

Protanomaly
139, 171, 146

Deuteranomaly
153, 174, 144

Tritanomaly
146, 161, 173

Monochromacy



Original Color
142, 177, 177

Achromatopsia
163, 163, 163

Achromatomaly
155, 168, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 177, 177 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(142, 177, 142)` looks like.

```
.text, #text, p{  
    color:rgb(142, 177, 142)  
}
```

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(142, 177, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 177, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 177, 177 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(142, 177, 142) }
```

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

```
.border{ border-color:rgb(142, 177, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 177, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 177, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 177, 142); box-shadow:4px 4px 4px 4px rgb(142, 177, 142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 177, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 177, 142) }
```

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

```
.background{ background-color: rgb(142,  
177, 142) }
```

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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