

Converting Colors

`RYB(141, 177, 138)`

Have a look what the booklet for
RYB(141, 177, 138) contains.

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Color

R_YB(141, 177, 138)

Conversions

Conversions Part 1

Format	Color
Hex	B1AE8A
RGB	177, 174, 138
RGB Percent	69%, 68%, 54%
CMY	0.3059, 0.3168, 0.4588
CMYK	0.00, 0.02, 0.22, 0.31
HSL	56°, 20%, 62%
HSV	56°, 22%, 69%
XYZ	37.8964, 41.5371, 30.0649
YIQ	170.7930, 13.3440, -10.5600

Conversions

Conversions Part 2

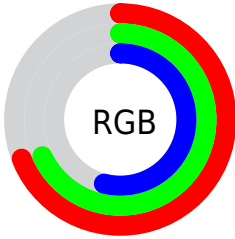
Format	Color
RYB	141, 177, 138
Decimal	11644554
CIELab	70.55, -5.06, 18.99
CIELCh	71, 19.651, 104.908
Yxy	41.5371, 0.3461, 0.3793
Android (android.graphics.Color)	4289834634 (0xFFB1AE8A)
YUV	170.7930, -16.1669, 5.4435
Hunter-Lab	64.4493, -7.8275, 17.4564

Details

The RYB color **141, 177, 138** is a light color, and the websafe version is hex **999966**. A complement of this color would be **138, 141, 177**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **196, 233, 192**, and **90, 124, 88** is the 20% darker color. If you saturate the color by 10%, you get **124, 177, 120**, and if you desaturate by 10%, it is **158, 177, 156**.

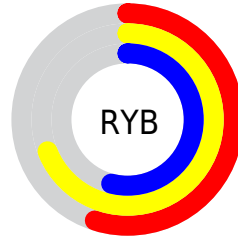
Distribution



Red (69%)

Green (68%)

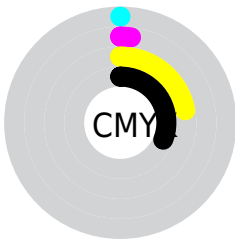
Blue (54%)



Red (55%)

Yellow (69%)

Blue (54%)

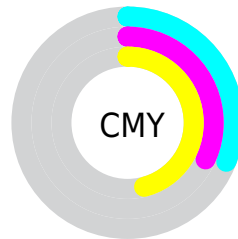


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 177, 138 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 141, 177, 138 by changing the saturation by 10% instead.

 141, 177, 138


255, 255, 255

 195, 233, 192

 219, 255, 219

 248, 255, 248


 141, 177, 138


 114, 150, 112

 90, 124, 88

 66, 99, 64

 44, 75, 42

 21, 51, 21

 1, 31, 0

 0, 4, 4

 0, 0, 0

 141, 177, 138

 141, 177, 138

■ 124, 177, 120

■ 158, 177, 156

■ 108, 177, 103

■ 173, 177, 173

■ 93, 177, 85

■ 177, 178, 191

■ 76, 177, 67

■ 177, 179, 209

■ 60, 177, 50

■ 177, 181, 227

■ 43, 177, 32

■ 177, 182, 244

■ 27, 177, 14

■ 177, 183, 255

■ 14, 177, 0

■ 177, 183, 255

■ 177, 185, 255

Harmonies

Analogous

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



189, 195, 138



141, 177, 138



147, 179, 169

Triad

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



141, 177, 138



126, 157, 197



203, 161, 182

Complementary

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



141, 177, 138



138, 141, 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.



187, 165, 198



141, 177, 138



141, 164, 207

Square

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



141, 177, 138



125, 155, 183



164, 170, 207



210, 160, 164

Rectangle

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



141, 177, 138



143, 171, 181



164, 170, 207



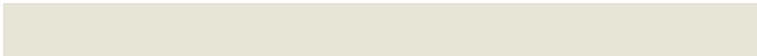
198, 162, 188

Sweetspot

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



141, 177, 138



215, 230, 213



177, 138, 141



107, 115, 106



242, 242, 242



115, 115, 115

Same Dimension

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



141, 177, 138



175, 230, 170



138, 177, 154



80, 89, 80



12, 153, 0



2, 26, 0

Inverse Universe

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



138, 141, 177



170, 174, 230



154, 138, 177



80, 81, 89



0, 10, 153



0, 2, 26

Previews

White Background



This preview shows how the RYB color 141, 177, 138 looks on a white background.

Color Contrast Check

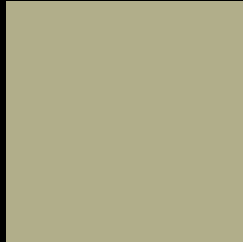
Large Text (above 18pt) WCAG AA × Fail

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 141, 177, 138 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 141, 177, 138 Background



This preview shows how black text looks on a background with the RYB color 141, 177, 138.



This preview shows how white text looks on a background with the RYB color 141, 177, 138.

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


141, 177, 138

Protanopia

151, 183, 137

Deuteranopia

200, 186, 140



Tritanopia
183, 168, 182

Trichromacy



Original Color

141, 177, 138

Protanomaly

147, 181, 137

Deuteranomaly

180, 192, 139

Tritanomaly

181, 171, 166

Monochromacy



Original Color

141, 177, 138

Achromatopsia

171, 171, 171

Achromatomaly

160, 173, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 177, 138 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(177, 174, 138) looks like.

```
.text, #text, p{  
    color:rgb(177, 174, 138)  
}
```

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(177, 174, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 138) }
```

Border

The CSS property to change the border of an element to RYB 141, 177, 138 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(177, 174, 138) }
```

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

```
.border{ border-color:rgb(177, 174, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 174, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 174, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 174, 138);  
box-shadow:4px 4px 4px 4px rgb(177, 174,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 141, 177, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 174, 138) }
```

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

```
.background{ background-color: rgb(177,  
174, 138) }
```

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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