

Converting Colors

`RYB(138, 185, 177)`

Have a look what the booklet for
RYB(138, 185, 177) contains.

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Color

R_YB(138, 185, 177)

Conversions

Conversions Part 1

Format	Color
Hex	92B98A
RGB	146, 185, 138
RGB Percent	57%, 73%, 54%
CMY	0.4275, 0.2745, 0.4588
CMYK	0.21, 0.00, 0.25, 0.27
HSL	110°, 25%, 63%
HSV	110°, 25%, 73%
XYZ	33.7905, 42.6439, 30.4949
YIQ	167.9810, -8.1570, -22.8850

Conversions

Conversions Part 2

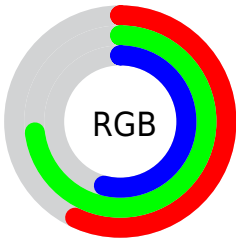
Format	Color
RYB	138, 185, 177
Decimal	9615754
CIELab	71.31, -22.14, 19.69
CIElCh	71, 29.627, 138.361
Yxy	42.6439, 0.3160, 0.3988
Android (android.graphics.Color)	4287805834 (0xFF92B98A)
YUV	167.9810, -14.7806, -19.2773
Hunter-Lab	65.3023, -21.9147, 18.0243

Details

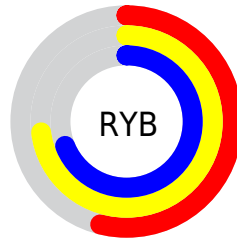
The RYB color **138, 185, 177** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177, 138, 185**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **192, 241, 232**, and **88, 132, 125** is the 20% darker color. If you saturate the color by 10%, you get **120, 185, 174**, and if you desaturate by 10%, it is **157, 185, 181**.

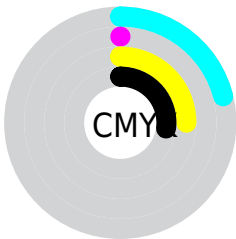
Distribution



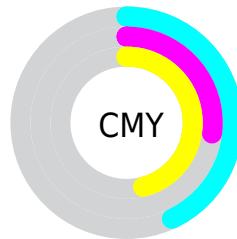
- Red (57%)
- Green (73%)
- Blue (54%)



- Red (54%)
- Yellow (73%)
- Blue (69%)



- Cyan (21%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)



- Cyan (43%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 185, 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 138, 185, 177 by changing the saturation by 10% instead.


 138, 185, 177


255, 255, 255


 192, 241, 232


 220, 255, 246

 248, 255, 248

 138, 185, 177

 112, 158, 150


 88, 132, 125

 64, 106, 100

 42, 82, 78


 20, 59, 56

 0, 37, 34

 0, 9, 9


 0, 0, 0

 138, 185, 177


 138, 185, 177


 120, 185, 174


 157, 185, 181

 101, 185, 171


 175, 185, 183


 82, 185, 167


 192, 185, 194


 64, 185, 164

 207, 185, 212


 46, 185, 162


 223, 185, 230


 27, 185, 158

 238, 185, 249

 8, 185, 154

 253, 185, 255

 0, 185, 154

 255, 185, 255

Harmonies

Analogous

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



123, 178, 124



138, 185, 177



115, 160, 189

Triad

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



138, 185, 177



125, 161, 227



229, 155, 159

Complementary

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



138, 185, 177



177, 138, 185

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.



221, 156, 186



138, 185, 177



164, 170, 226

Square

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



138, 185, 177



94, 146, 214



199, 162, 211



222, 172, 135

Rectangle

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



138, 185, 177



98, 146, 190



199, 162, 211



228, 155, 168

Sweetspot

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



138, 185, 177



221, 240, 237



149, 185, 138



108, 120, 118



247, 247, 247



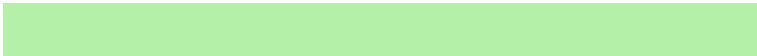
120, 120, 120

Same Dimension

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



138, 185, 177



168, 240, 228



138, 174, 185



83, 92, 91



0, 156, 130



0, 28, 23

Inverse Universe

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



177, 138, 185



227, 168, 240



185, 138, 170



90, 83, 92



129, 0, 156



23, 0, 28

Previews

White Background



This preview shows how the RYB color 138, 185, 177 looks on a white background.

Color Contrast Check

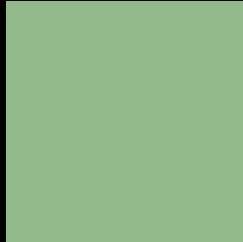
Large Text (above 18pt) WCAG AA × Fail

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 138, 185, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

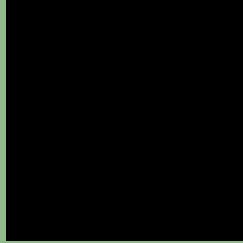
Any Text WCAG AA ✓ Pass

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 138, 185, 177 Background



This preview shows how black text looks on a background with the RYB color 138, 185, 177.



This preview shows how white text looks on a background with the RYB color 138, 185, 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](#).

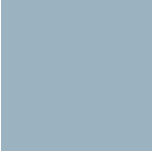
Dichromacy



Original Color
138, 185, 177

Protanopia
149, 186, 133

Deuteranopia
202, 185, 142



Tritanopia
155, 169, 192

Trichromacy



Original Color
138, 185, 177

Protanomaly
135, 178, 142

Deuteranomaly
151, 182, 141

Tritanomaly
152, 169, 181

Monochromacy



Original Color
138, 185, 177

Achromatopsia
168, 168, 168

Achromatomaly
157, 174, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 185, 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(146, 185, 138) looks like.

```
.text, #text, p{  
    color:rgb(146, 185, 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(146, 185, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 185, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 185, 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(146, 185, 138) }
```

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

```
.border{ border-color:rgb(146, 185, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 185, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 185, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 185, 138);  
box-shadow:4px 4px 4px 4px rgb(146, 185,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 185, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 185, 138) }
```

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

```
.background{ background-color: rgb(146,  
185, 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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