

# Converting Colors

`RYB(140, 184, 175)`

Have a look what the booklet for  
RYB(140, 184, 175) contains.

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# Color

**R<sub>Y</sub>B(140, 184, 175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95B88C
RGB	149, 184, 140
RGB Percent	58%, 72%, 55%
CMY	0.4157, 0.2784, 0.4510
CMYK	0.19, 0.00, 0.24, 0.28
HSL	108°, 24%, 64%
HSV	108°, 24%, 72%
XYZ	34.2685, 42.5640, 31.2205
YIQ	168.5190, -6.7360, -21.1040

# Conversions

## Conversions Part 2

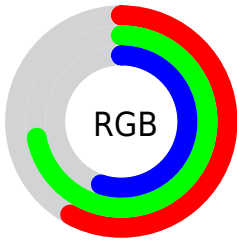
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">140, 184, 175</a>
Decimal	<a href="#">9812108</a>
CIELab	<a href="#">71.26, -20.24, 18.56</a>
CIELCh	<a href="#">71, 27.466, 137.483</a>
Yxy	<a href="#">42.5640, 0.3171, 0.3939</a>
Android (android.graphics.Color)	<a href="#">4288002188 (0xFF95B88C)</a>
YUV	<a href="#">168.5190, -14.0599, -17.1182</a>
Hunter-Lab	<a href="#">65.2411, -20.4130, 17.2961</a>

# Details

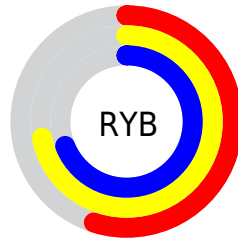
The RYB color **140, 184, 175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 140, 184**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **194, 240, 230**, and **90, 131, 123** is the 20% darker color. If you saturate the color by 10%, you get **122, 184, 172**, and if you desaturate by 10%, it is **158, 184, 178**.

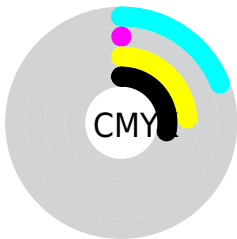
# Distribution



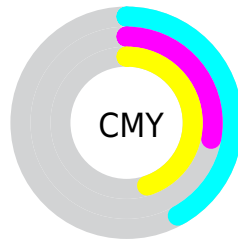
- Red (58%)
- Green (72%)
- Blue (55%)



- Red (55%)
- Yellow (72%)
- Blue (69%)



- Cyan (19%)
- Magenta (0%)
- Yellow (24%)
- Black (28%)




- Cyan (42%)
- Magenta (28%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 140, 184, 175 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 140, 184, 175 by changing the saturation by 10% instead.




 140, 184, 175


255, 255, 255


 194, 240, 230

 222, 255, 245

 250, 255, 250

 140, 184, 175

 114, 157, 148

 90, 131, 123

 66, 106, 99


 43, 81, 75


 22, 58, 53

 0, 36, 29

 0, 9, 9


 0, 0, 0

 140, 184, 175


 140, 184, 175

 122, 184, 172


 158, 184, 178

 103, 184, 167


 177, 184, 183


 85, 184, 164


 193, 184, 195


 66, 184, 160


 208, 184, 214


 48, 184, 156

 222, 184, 232

 30, 184, 153

 237, 184, 250

 11, 184, 148

 251, 184, 255

 0, 184, 146

 255, 184, 255

# Harmonies

## Analogous

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



126, 178, 127



140, 184, 175



121, 162, 188

# Triad

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



140, 184, 175



128, 162, 223



225, 157, 161

# Complementary

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



140, 184, 175



175, 140, 184

# 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.



218, 157, 186



140, 184, 175



164, 171, 222

# Square

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



140, 184, 175



103, 150, 211



196, 163, 208



219, 169, 139

# Rectangle

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



140, 184, 175



106, 150, 189



196, 163, 208



224, 156, 169

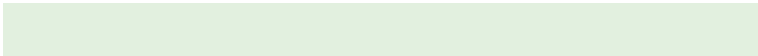


# Sweetspot

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



140, 184, 175



223, 240, 237



153, 184, 140



110, 120, 118



247, 247, 247



120, 120, 120



# Same Dimension

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



140, 184, 175



170, 240, 226



140, 175, 184



83, 92, 91



0, 156, 124



0, 28, 22



# Inverse Universe

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



175, 140, 184



225, 170, 240



184, 140, 172



90, 83, 92



124, 0, 156



22, 0, 28



# Previews

## White Background



This preview shows how the RYB color 140, 184, 175 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 140, 184, 175 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

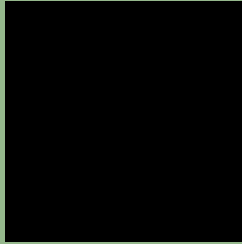
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 140, 184, 175 Background**



This preview shows how black text looks on a background with the RYB color 140, 184, 175.

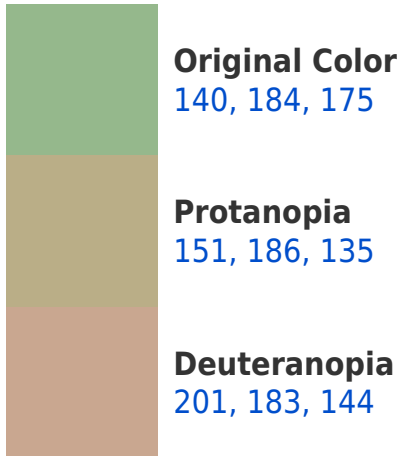


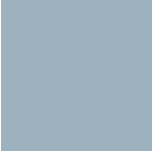
This preview shows how white text looks on a background with the RYB color 140, 184, 175.

# 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](#).

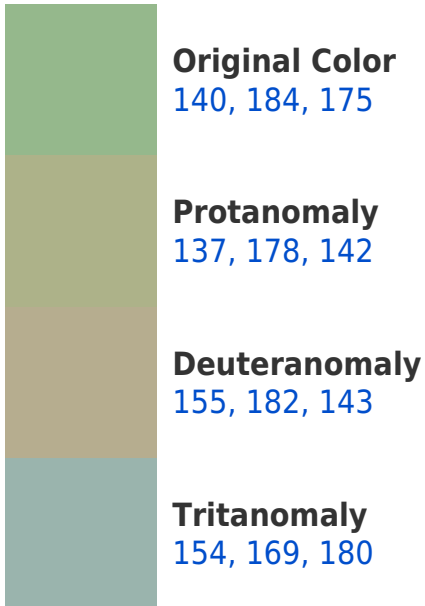
## Dichromacy



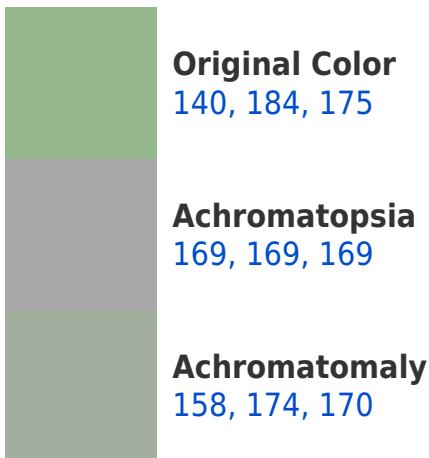


**Tritanopia**  
157, 170, 191

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RYB 140, 184, 175 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(149, 184, 140)` looks like.

```
.text, #text, p{  
    color:rgb(149, 184, 140)  
}
```

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(149, 184, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 184, 140) }
```

## Border

The CSS property to change the border of an element to RYB 140, 184, 175 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(149, 184, 140) }
```

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

```
.border{ border-color:rgb(149, 184, 140) }
```

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

Here you see how a box with a 4 pixel rgb(149, 184, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 184, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 184, 140);  
box-shadow:4px 4px 4px 4px rgb(149, 184,  
140) }
```

# Background

The CSS property to change the background color of an element to RYB 140, 184, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 184, 140) }
```

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

```
.background{ background-color: rgb(149,  
184, 140) }
```

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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