

Converting Colors

`RYB(140, 165, 184)`

Have a look what the booklet for RYB(140, 165, 184) contains.

RYB(140, 165, 184)	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

R_YB(140, 165, 184)

Conversions

Conversions Part 1

Format	Color
Hex	8CB8AD
RGB	140, 184, 173
RGB Percent	55%, 72%, 68%
CMY	0.4510, 0.2784, 0.3198
CMYK	0.24, 0.00, 0.06, 0.28
HSL	166°, 24%, 64%
HSV	166°, 24%, 72%
XYZ	35.5412, 42.8906, 46.1643
YIQ	169.5900, -22.6930, -12.7490

Conversions

Conversions Part 2

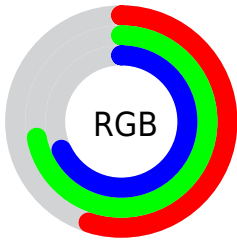
Format	Color
RYB	140, 165, 184
Decimal	9222317
CIELab	71.48, -16.85, 0.58
CIElCh	71, 16.862, 178.030
Yxy	42.8906, 0.2853, 0.3442
Android (android.graphics.Color)	4287412397 (0xFF8CB8AD)
YUV	169.5900, 1.6811, -25.9504
Hunter-Lab	65.4909, -17.7392, 4.0504

Details

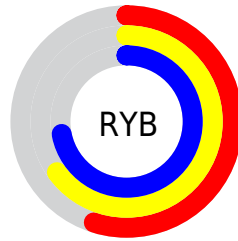
The RYB color **140, 165, 184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184, 140, 151**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **194, 220, 240**, and **89, 113, 131** is the 20% darker color. If you saturate the color by 10%, you get **122, 157, 184**, and if you desaturate by 10%, it is **158, 173, 184**.

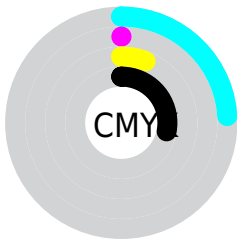
Distribution



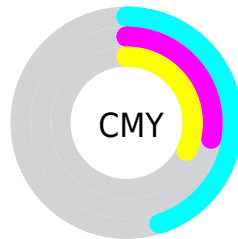
- Red (55%)
- Green (72%)
- Blue (68%)



- Red (55%)
- Yellow (65%)
- Blue (72%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (45%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 165, 184 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, 165, 184 by changing the saturation by 10% instead.


 140, 165, 184


255, 255, 255


 194, 220, 240

 223, 239, 255

 251, 253, 255

 140, 165, 184

 114, 138, 157

 89, 113, 131

 64, 88, 106

 40, 63, 81

 16, 39, 58


 0, 20, 36

 0, 7, 10


 0, 0, 0

 140, 165, 184


 140, 165, 184

 122, 157, 184


 158, 173, 184

 103, 149, 184


 177, 181, 184

 85, 141, 184


 195, 184, 187


 66, 133, 184


 214, 184, 191

 48, 125, 184

 232, 184, 196

 30, 118, 184

 250, 184, 200

 11, 109, 184

 255, 184, 204

 0, 104, 184

 255, 184, 209

 255, 184, 213

Harmonies

Analogous

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



154, 179, 182



140, 165, 184



134, 160, 189

Triad

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



140, 165, 184



177, 171, 202



201, 180, 150

Complementary

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



140, 165, 184



184, 140, 151

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, 165, 161



140, 165, 184



194, 167, 192

Square

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



140, 165, 184



157, 171, 205



205, 165, 177



166, 188, 145

Rectangle

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



140, 165, 184



137, 163, 197



205, 165, 177



204, 172, 153

Sweetspot

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



140, 165, 184



223, 233, 240



140, 184, 173



110, 116, 120



247, 247, 247



120, 120, 120

Same Dimension

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



140, 165, 184



170, 210, 240



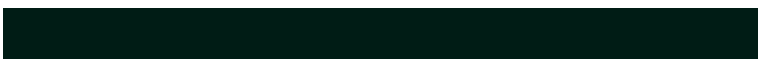
140, 159, 184



83, 88, 92



0, 89, 156



0, 16, 28

Inverse Universe

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



184, 140, 151



240, 170, 187



184, 155, 140



92, 83, 85



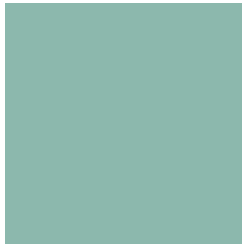
156, 0, 37



28, 0, 7

Previews

White Background



This preview shows how the RYB color 140, 165, 184 looks on a white background.

Color Contrast Check

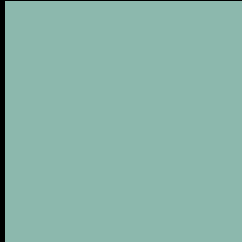
Large Text (above 18pt) WCAG AA × Fail

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, 165, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

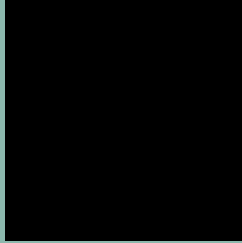
Any Text WCAG AA ✓ Pass

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, 165, 184 Background



This preview shows how black text looks on a background with the RYB color 140, 165, 184.



This preview shows how white text looks on a background with the RYB color 140, 165, 184.

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](#).

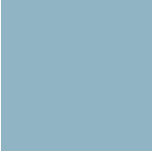
Dichromacy



Original Color
140, 165, 184

Protanopia
177, 179, 168

Deuteranopia
190, 169, 177



Tritanopia
144, 165, 195

Trichromacy



Original Color
140, 165, 184

Protanomaly
165, 174, 178

Deuteranomaly
172, 173, 176

Tritanomaly
143, 164, 187

Monochromacy



Original Color
140, 165, 184

Achromatopsia
170, 170, 170

Achromatomaly
159, 168, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 165, 184 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(140, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(140, 184, 173)  
}
```

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(140, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 184, 173) }
```

Border

The CSS property to change the border of an element to RYB 140, 165, 184 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(140, 184, 173) }
```

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

```
.border{ border-color:rgb(140, 184, 173) }
```

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

Here you see how a box with a 4 pixel rgb(140, 184, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(140, 184,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 140, 165, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 184, 173) }
```

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

```
.background{ background-color: rgb(140,  
184, 173) }
```

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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