

Converting Colors

`RYB(140, 170, 197)`

Have a look what the booklet for
RYB(140, 170, 197) contains.

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Color

R_YB(140, 170, 197)

Conversions

Conversions Part 1

Format	Color
Hex	8CC5BF
RGB	140, 197, 191
RGB Percent	55%, 77%, 75%
CMY	0.4510, 0.2275, 0.2498
CMYK	0.29, 0.00, 0.03, 0.23
HSL	174°, 33%, 66%
HSV	174°, 29%, 77%
XYZ	40.2185, 49.2828, 56.8563
YIQ	179.2730, -32.0460, -13.9500

Conversions

Conversions Part 2

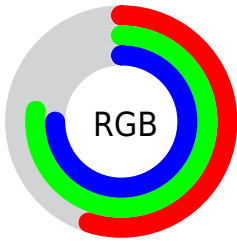
Format	Color
RYB	140, 170, 197
Decimal	9225663
CIELab	75.63, -19.57, -3.08
CIELCh	76, 19.808, 188.933
Yxy	49.2828, 0.2748, 0.3367
Android (android.graphics.Color)	4287415743 (0xFF8CC5BF)
YUV	179.2730, 5.7814, -34.4424
Hunter-Lab	70.2017, -20.5904, 1.1223

Details

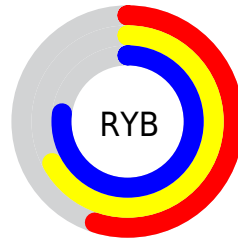
The RYB color **140, 170, 197** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **197, 140, 146**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **195, 226, 254**, and **87, 116, 143** is the 20% darker color. If you saturate the color by 10%, you get **120, 161, 197**, and if you desaturate by 10%, it is **160, 180, 197**.

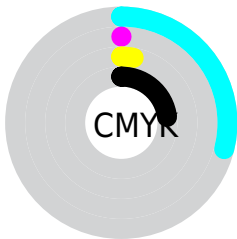
Distribution



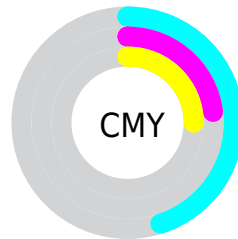
- Red (55%)
- Green (77%)
- Blue (75%)



- Red (55%)
- Yellow (67%)
- Blue (77%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)




- Cyan (45%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 170, 197 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, 170, 197 by changing the saturation by 10% instead.


 140, 170, 197


255, 255, 255


 195, 226, 254

 224, 240, 255

253, 254, 255

 140, 170, 197

 113, 143, 170


 87, 116, 143

 62, 91, 117


 36, 65, 92


 4, 38, 69

 0, 24, 46


 0, 15, 27


 0, 0, 0

 140, 170, 197


 140, 170, 197

 120, 161, 197


 160, 180, 197

 101, 152, 197


 179, 189, 197

 81, 142, 197


 199, 197, 197

 61, 133, 197

 219, 197, 199

 42, 124, 197


 239, 197, 201

 22, 114, 197

 255, 197, 203

 2, 104, 197

 255, 197, 205

 0, 104, 197

 255, 197, 207

 255, 197, 209

Harmonies

Analogous

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



154, 183, 196



140, 170, 197



138, 170, 209

Triad

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



140, 170, 197



196, 180, 215



212, 206, 153

Complementary

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



140, 170, 197



197, 140, 146

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.



223, 179, 164



140, 170, 197



215, 175, 200

Square

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



140, 170, 197



173, 183, 222



224, 174, 181



160, 195, 150

Rectangle

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



140, 170, 197



145, 174, 217



224, 174, 181



217, 193, 156

Sweetspot

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



140, 170, 197



232, 244, 255



140, 197, 191



113, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 170, 197



166, 213, 255



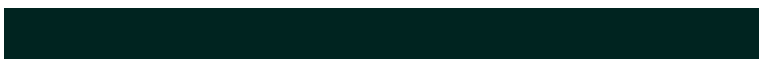
140, 161, 197



90, 95, 99



0, 86, 163



0, 19, 36

Inverse Universe

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



197, 140, 146



255, 166, 175



197, 179, 140



99, 90, 90



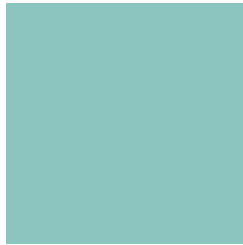
163, 0, 16



36, 0, 4

Previews

White Background



This preview shows how the RYB color 140, 170, 197 looks on a white background.

Color Contrast Check

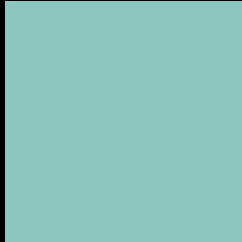
Large Text (above 18pt) WCAG AA × Fail

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, 170, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

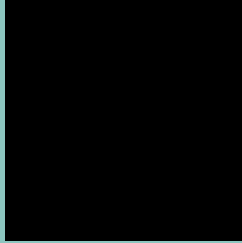
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

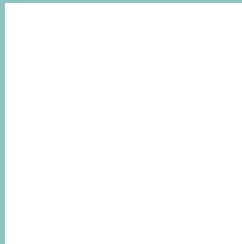
Any Text WCAG AAA ✓ Pass

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

RYB 140, 170, 197 Background



This preview shows how black text looks on a background with the RYB color 140, 170, 197.

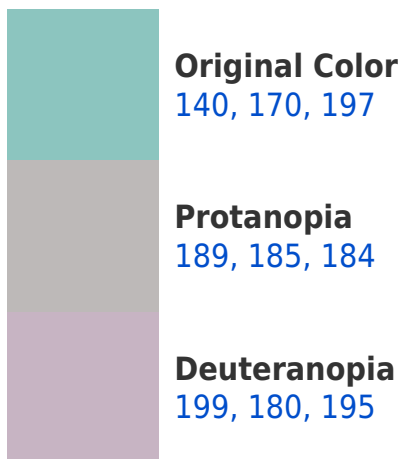


This preview shows how white text looks on a background with the RYB color 140, 170, 197.

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
144, 172, 210

Trichromacy



Original Color
140, 170, 197

Protanomaly
171, 181, 189

Deuteranomaly
178, 183, 194

Tritanomaly
143, 171, 203

Monochromacy



Original Color
140, 170, 197

Achromatopsia
179, 179, 179

Achromatomaly
165, 176, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 170, 197 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, 197, 191)` looks like.

```
.text, #text, p{  
    color:rgb(140, 197, 191)  
}
```

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, 197, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 197, 191) }
```

Border

The CSS property to change the border of an element to RYB 140, 170, 197 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, 197, 191) }
```

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

```
.border{ border-color:rgb(140, 197, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 197, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 197, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 197, 191);  
box-shadow:4px 4px 4px 4px rgb(140, 197,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 140, 170, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 197, 191) }
```

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

```
.background{ background-color: rgb(140,  
197, 191) }
```

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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