

Converting Colors

`RYB(140, 185, 210)`

Have a look what the booklet for
RYB(140, 185, 210) contains.

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Color

R_YB(140, 185, 210)

Conversions

Conversions Part 1

Format	Color
Hex	8CD2B3
RGB	140, 210, 179
RGB Percent	55%, 82%, 70%
CMY	0.4510, 0.1765, 0.2985
CMYK	0.33, 0.00, 0.15, 0.18
HSL	153°, 44%, 69%
HSV	153°, 33%, 82%
XYZ	41.9873, 54.9188, 50.9764
YIQ	185.5360, -31.7690, -24.4810

Conversions

Conversions Part 2

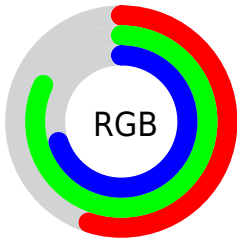
Format	Color
RYB	140, 185, 210
Decimal	9228979
CIELab	78.99, -28.66, 8.49
CIELCh	79, 29.889, 163.507
Yxy	54.9188, 0.2839, 0.3714
Android (android.graphics.Color)	4287419059 (0xFF8CD2B3)
YUV	185.5360, -3.2222, -39.9351
Hunter-Lab	74.1072, -28.5541, 11.0911

Details

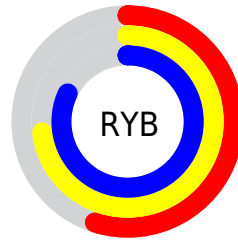
The RYB color **140, 185, 210** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **210, 140, 171**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **195, 231, 255**, and **87, 130, 155** is the 20% darker color. If you saturate the color by 10%, you get **119, 177, 210**, and if you desaturate by 10%, it is **161, 193, 210**.

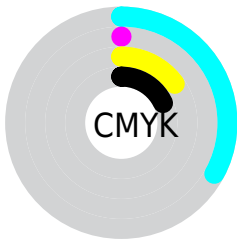
Distribution



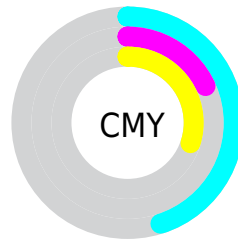
- Red (55%)
- Green (82%)
- Blue (70%)



- Red (55%)
- Yellow (73%)
- Blue (82%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)




- Cyan (45%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 185, 210 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, 185, 210 by changing the saturation by 10% instead.


 140, 185, 210


255, 255, 255


 195, 231, 255


 224, 240, 255

253, 254, 255

 140, 185, 210

 113, 157, 182

 87, 130, 155

 61, 104, 129


 33, 76, 103

 0, 47, 79

 0, 34, 55


 0, 27, 35


 0, 0, 0

 140, 185, 210


 140, 185, 210

 119, 177, 210


 161, 193, 210

 98, 170, 210


 182, 200, 210

 77, 162, 210


 203, 207, 210

 56, 155, 210

 224, 210, 216

 35, 148, 210

 245, 210, 226

 14, 140, 210

 255, 210, 235

 0, 135, 210

 255, 210, 244

 255, 210, 254

 255, 210, 255

Harmonies

Analogous

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



155, 205, 188



140, 185, 210



116, 164, 211

Triad

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



140, 185, 210



179, 191, 249



247, 187, 159

Complementary

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



140, 185, 210



210, 140, 171

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.



252, 175, 184



140, 185, 210



215, 184, 236

Square

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



140, 185, 210



140, 180, 248



241, 177, 212



218, 229, 143

Rectangle

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



140, 185, 210



111, 164, 225



241, 177, 212



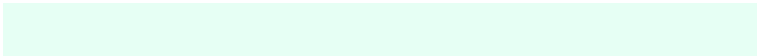
250, 180, 166

Sweetspot

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



140, 185, 210



230, 246, 255



140, 210, 179



112, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 185, 210



153, 218, 255



140, 174, 210



94, 101, 105



0, 108, 168



0, 26, 41

Inverse Universe

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



210, 140, 171



255, 153, 198



210, 144, 140



105, 94, 99



168, 0, 75



41, 0, 18

Previews

White Background



This preview shows how the RYB color 140, 185, 210 looks on a white background.

Color Contrast Check

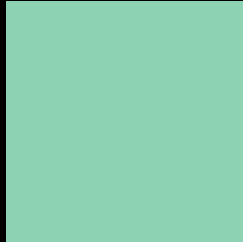
Large Text (above 18pt) WCAG AA × Fail

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, 185, 210 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, 185, 210 Background



This preview shows how black text looks on a background with the RYB color 140, 185, 210.

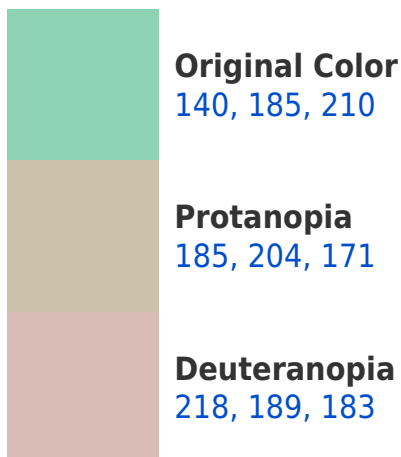


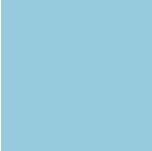
This preview shows how white text looks on a background with the RYB color 140, 185, 210.

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
149, 180, 221

Trichromacy



Original Color

140, 185, 210



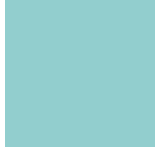
Protanomaly

174, 200, 193



Deuteranomaly

182, 196, 188



Tritanomaly

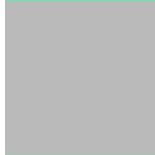
146, 176, 206

Monochromacy



Original Color

140, 185, 210



Achromatopsia

186, 186, 186



Achromatomaly

169, 186, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 185, 210 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, 210, 179)` looks like.

```
.text, #text, p{  
    color:rgb(140, 210, 179)  
}
```

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, 210, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 210, 179) }
```

Border

The CSS property to change the border of an element to RYB 140, 185, 210 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, 210, 179) }
```

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

```
.border{ border-color:rgb(140, 210, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 210, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 210, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 210, 179);  
box-shadow:4px 4px 4px 4px rgb(140, 210,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 140, 185, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 210, 179) }
```

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

```
.background{ background-color: rgb(140,  
210, 179) }
```

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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