

Converting Colors

`RYB(140, 194, 218)`

Have a look what the booklet for
RYB(140, 194, 218) contains.

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Color

R_YB(140, 194, 218)

Conversions

Conversions Part 1

Format	Color
Hex	8CDAAF
RGB	140, 218, 175
RGB Percent	55%, 85%, 69%
CMY	0.4510, 0.1451, 0.3150
CMYK	0.36, 0.00, 0.20, 0.15
HSL	147°, 51%, 70%
HSV	147°, 36%, 85%
XYZ	43.5918, 58.8003, 49.4381
YIQ	189.7760, -32.6850, -29.9090

Conversions

Conversions Part 2

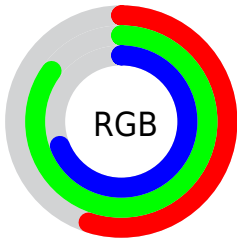
Format	Color
RYB	140, 194, 218
Decimal	9231023
CIELab	81.18, -33.30, 13.83
CIELCh	81, 36.057, 157.438
Yxy	58.8003, 0.2871, 0.3873
Android (android.graphics.Color)	4287421103 (0xFF8CDAAF)
YUV	189.7760, -7.2846, -43.6536
Hunter-Lab	76.6814, -32.7188, 15.4515

Details

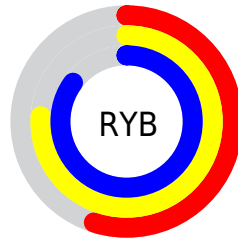
The RYB color **140, 194, 218** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **218, 140, 183**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **196, 233, 255**, and **86, 138, 163** is the 20% darker color. If you saturate the color by 10%, you get **118, 187, 218**, and if you desaturate by 10%, it is **162, 201, 218**.

Distribution



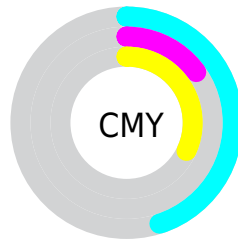
- Red (55%)
- Green (85%)
- Blue (69%)



- Red (55%)
- Yellow (76%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)




- Cyan (45%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 194, 218 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, 194, 218 by changing the saturation by 10% instead.


 140, 194, 218


255, 255, 255


 196, 233, 255


 225, 240, 255


254, 255, 255

 140, 194, 218

 113, 166, 190


 86, 138, 163

 59, 111, 136

 30, 82, 110

 0, 53, 85

 0, 41, 61

 0, 36, 40

 0, 8, 8


 0, 0, 0

 140, 194, 218


 140, 194, 218

 118, 187, 218


 162, 201, 218

 96, 181, 218


 184, 208, 218

 75, 174, 218

 205, 214, 218

 53, 167, 218

 227, 218, 223

 31, 161, 218

 249, 218, 235

 9, 154, 218

 255, 218, 247

 0, 151, 218

 255, 218, 255

Harmonies

Analogous

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



147, 212, 179



140, 194, 218



103, 164, 220

Triad

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



140, 194, 218



169, 193, 255



255, 186, 162

Complementary

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



140, 194, 218



218, 140, 183

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.



255, 176, 194



140, 194, 218



217, 190, 255

Square

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



140, 194, 218



119, 174, 255



252, 180, 228



247, 237, 140

Rectangle

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



140, 194, 218



89, 157, 232



252, 180, 228



255, 178, 172

Sweetspot

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



140, 194, 218



227, 247, 255



140, 218, 174



111, 123, 128



0, 0, 0



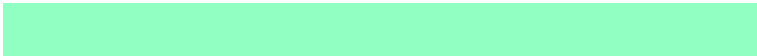
128, 128, 128

Same Dimension

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



140, 194, 218



145, 221, 255



140, 180, 218



99, 107, 110



0, 120, 173



0, 32, 46

Inverse Universe

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



218, 140, 183



255, 145, 206



218, 140, 145



110, 99, 105



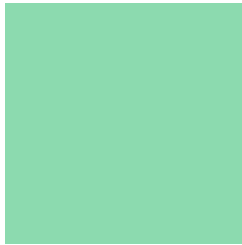
173, 0, 96



46, 0, 25

Previews

White Background



This preview shows how the RYB color 140, 194, 218 looks on a white background.

Color Contrast Check

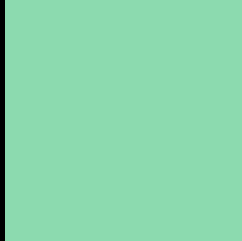
Large Text (above 18pt) WCAG AA × Fail

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, 194, 218 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, 194, 218 Background



This preview shows how black text looks on a background with the RYB color 140, 194, 218.

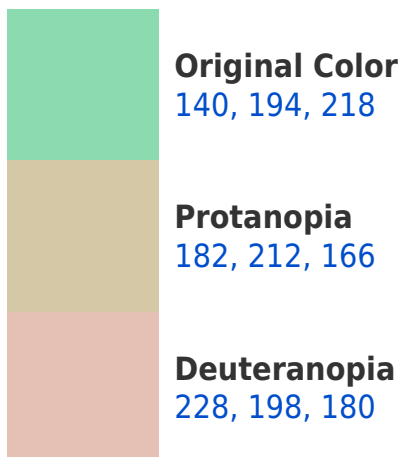


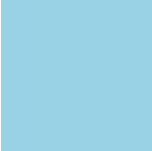
This preview shows how white text looks on a background with the RYB color 140, 194, 218.

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
152, 185, 228

Trichromacy



Original Color

140, 194, 218



Protanomaly

169, 207, 190



Deuteranomaly

178, 202, 184



Tritanomaly

148, 182, 214

Monochromacy



Original Color

140, 194, 218



Achromatopsia

190, 190, 190



Achromatomaly

172, 192, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 194, 218 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, 218, 175)` looks like.

```
.text, #text, p{  
    color:rgb(140, 218, 175)  
}
```

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, 218, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 218, 175) }
```

Border

The CSS property to change the border of an element to RYB 140, 194, 218 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, 218, 175) }
```

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

```
.border{ border-color:rgb(140, 218, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 218, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 218, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 218, 175);  
box-shadow:4px 4px 4px 4px rgb(140, 218,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 140, 194, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 218, 175) }
```

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

```
.background{ background-color: rgb(140,  
218, 175) }
```

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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