

Converting Colors

`RYB(140, 187, 217)`

Have a look what the booklet for
RYB(140, 187, 217) contains.

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Color

R_YB(140, 187, 217)

Conversions

Conversions Part 1

Format	Color
Hex	8CD9BD
RGB	140, 217, 189
RGB Percent	55%, 85%, 74%
CMY	0.4510, 0.1490, 0.2582
CMYK	0.35, 0.00, 0.13, 0.15
HSL	158°, 50%, 70%
HSV	158°, 35%, 85%
XYZ	44.8296, 58.8818, 57.2315
YIQ	190.7850, -36.9040, -25.0320

Conversions

Conversions Part 2

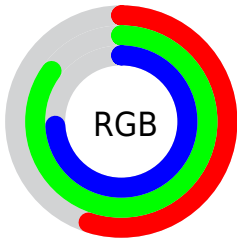
Format	Color
RYB	140, 187, 217
Decimal	9230781
CIELab	81.23, -29.87, 6.23
CIELCh	81, 30.516, 168.229
Yxy	58.8818, 0.2785, 0.3659
Android (android.graphics.Color)	4287420861 (0xFF8CD9BD)
YUV	190.7850, -0.8800, -44.5384
Hunter-Lab	76.7344, -30.0026, 9.4934

Details

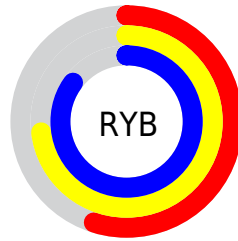
The RYB color **140, 187, 217** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **217, 140, 168**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **196, 228, 255**, and **86, 132, 162** is the 20% darker color. If you saturate the color by 10%, you get **118, 179, 217**, and if you desaturate by 10%, it is **162, 196, 217**.

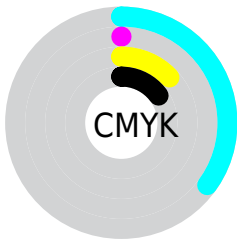
Distribution



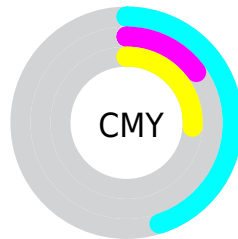
- Red (55%)
- Green (85%)
- Blue (74%)



- Red (55%)
- Yellow (73%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)




- Cyan (45%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 187, 217 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, 187, 217 by changing the saturation by 10% instead.


 140, 187, 217


255, 255, 255


 196, 228, 255


 225, 240, 255

254, 255, 255

 140, 187, 217

 113, 159, 189

 86, 132, 162

 59, 104, 135

 30, 77, 110

 0, 49, 85


 0, 36, 61


 0, 25, 39


 0, 8, 8


 0, 0, 0

 140, 187, 217


 140, 187, 217

 118, 179, 217


 162, 196, 217

 97, 170, 217


 183, 204, 217

 75, 162, 217


 205, 212, 217

 53, 153, 217

 227, 217, 221

 32, 145, 217

 249, 217, 228

 10, 136, 217

 255, 217, 236

 0, 132, 217

 255, 217, 244

 255, 217, 252

 255, 217, 255

Harmonies

Analogous

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



163, 213, 204



140, 187, 217



118, 168, 219

Triad

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



140, 187, 217



191, 197, 255



253, 198, 160

Complementary

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



140, 187, 217



217, 140, 168

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, 181, 185



140, 187, 217



227, 189, 240

Square

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



140, 187, 217



150, 187, 255



251, 182, 214



210, 233, 146

Rectangle

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



140, 187, 217



116, 171, 236



251, 182, 214



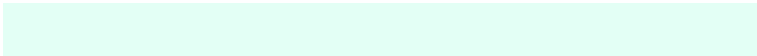
255, 189, 168

Sweetspot

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



140, 187, 217



227, 244, 255



140, 217, 189



111, 121, 128



0, 0, 0



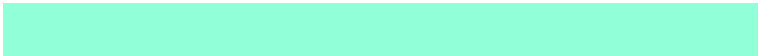
128, 128, 128

Same Dimension

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



140, 187, 217



145, 212, 255



140, 176, 217



99, 106, 110



0, 105, 173



0, 28, 46

Inverse Universe

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



217, 140, 168



255, 145, 185



217, 151, 140



110, 99, 103



173, 0, 63



46, 0, 17

Previews

White Background



This preview shows how the RYB color 140, 187, 217 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, 187, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

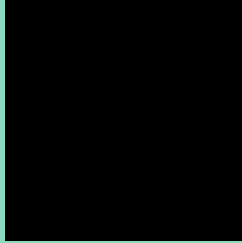
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

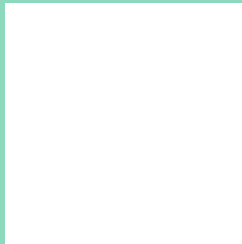
Any Text WCAG AAA ✓ Pass

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

RYB 140, 187, 217 Background



This preview shows how black text looks on a background with the RYB color 140, 187, 217.

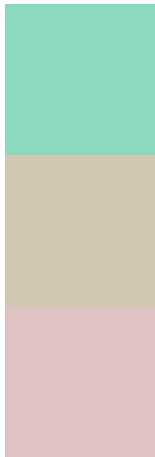


This preview shows how white text looks on a background with the RYB color 140, 187, 217.

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](#).

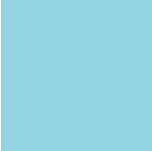
Dichromacy



Original Color
140, 187, 217

Protanopia
193, 209, 180

Deuteranopia
223, 194, 194



Tritanopia
149, 184, 228

Trichromacy



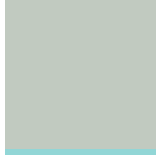
Original Color

140, 187, 217



Protanomaly

183, 206, 205



Deuteranomaly

192, 202, 201



Tritanomaly

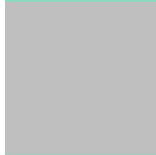
146, 180, 214

Monochromacy



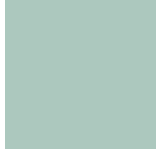
Original Color

140, 187, 217



Achromatopsia

191, 191, 191



Achromatomaly

172, 189, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 187, 217 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, 217, 189)` looks like.

```
.text, #text, p{  
    color:rgb(140, 217, 189)  
}
```

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, 217, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 217, 189) }
```

Border

The CSS property to change the border of an element to RYB 140, 187, 217 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, 217, 189) }
```

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

```
.border{ border-color:rgb(140, 217, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 217, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 217, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 217, 189); box-shadow:4px 4px 4px 4px rgb(140, 217, 189) }
```

Background

The CSS property to change the background color of an element to RYB 140, 187, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 217, 189) }
```

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

```
.background{ background-color: rgb(140,  
217, 189) }
```

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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