

Converting Colors

`RYB(138, 183, 215)`

Have a look what the booklet for
RYB(138, 183, 215) contains.

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Color

R_YB(138, 183, 215)

Conversions

Conversions Part 1

Format	Color
Hex	8AD7C1
RGB	138, 215, 193
RGB Percent	54%, 84%, 76%
CMY	0.4588, 0.1569, 0.2441
CMYK	0.36, 0.00, 0.10, 0.16
HSL	163°, 49%, 69%
HSV	163°, 36%, 84%
XYZ	44.3801, 57.8435, 59.1351
YIQ	189.4690, -38.8300, -23.1660

Conversions

Conversions Part 2

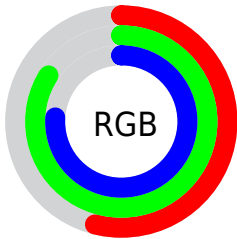
Format	Color
RYB	138, 183, 215
Decimal	9099201
CIELab	80.65, -28.70, 3.46
CIElCh	81, 28.910, 173.118
Yxy	57.8435, 0.2750, 0.3585
Android (android.graphics.Color)	4287289281 (0xFF8AD7C1)
YUV	189.4690, 1.7408, -45.1383
Hunter-Lab	76.0549, -28.9366, 7.1386

Details

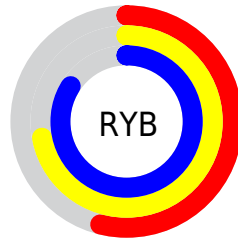
The RYB color **138, 183, 215** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **215, 138, 160**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **194, 226, 255**, and **84, 128, 160** is the 20% darker color. If you saturate the color by 10%, you get **117, 174, 215**, and if you desaturate by 10%, it is **160, 192, 215**.

Distribution



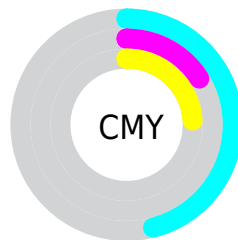
- Red (54%)
- Green (84%)
- Blue (76%)



- Red (54%)
- Yellow (72%)
- Blue (84%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (46%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 183, 215 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 138, 183, 215 by changing the saturation by 10% instead.

 138, 183, 215


255, 255, 255


 194, 226, 255


 223, 239, 255

 252, 254, 255

 138, 183, 215

 111, 155, 187

 84, 128, 160

 57, 100, 133

 27, 73, 108

 0, 46, 83

 0, 34, 59


 0, 24, 38


 0, 4, 4


 0, 0, 0

 138, 183, 215


 138, 183, 215

 117, 174, 215


 160, 192, 215

 95, 165, 215


 181, 201, 215

 73, 156, 215


 203, 210, 215

 52, 147, 215

 224, 215, 218

 30, 138, 215

 245, 215, 224

 9, 130, 215

 255, 215, 230

 0, 126, 215

 255, 215, 236

 255, 215, 242

 255, 215, 249

Harmonies

Analogous

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



167, 212, 212



138, 183, 215



121, 169, 220

Triad

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



138, 183, 215



196, 195, 250



246, 201, 158

Complementary

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



138, 183, 215



215, 138, 160

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, 180



138, 183, 215



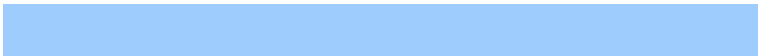
229, 186, 233

Square

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



138, 183, 215



158, 189, 253



250, 181, 208



195, 226, 147

Rectangle

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



138, 183, 215



122, 173, 236



250, 181, 208



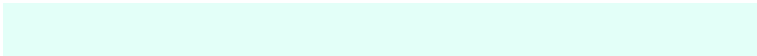
251, 192, 164

Sweetspot

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



138, 183, 215



227, 243, 255



138, 215, 192



111, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 183, 215



145, 209, 255



138, 172, 215



96, 102, 107



0, 100, 171



0, 25, 43

Inverse Universe

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



215, 138, 160



255, 145, 177



215, 157, 138



107, 96, 99



171, 0, 49



43, 0, 13

Previews

White Background



This preview shows how the RYB color 138, 183, 215 looks on a white background.

Color Contrast Check

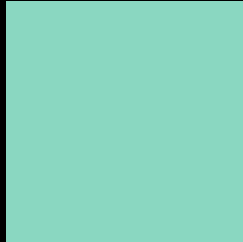
Large Text (above 18pt) WCAG AA × Fail

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 138, 183, 215 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

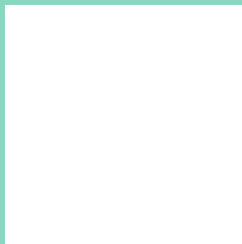
Any Text WCAG AAA ✓ Pass

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

RYB 138, 183, 215 Background



This preview shows how black text looks on a background with the RYB color 138, 183, 215.

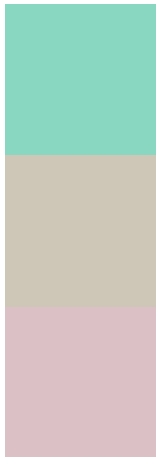


This preview shows how white text looks on a background with the RYB color 138, 183, 215.

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](#).

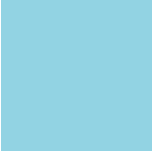
Dichromacy



Original Color
138, 183, 215

Protanopia
194, 206, 184

Deuteranopia
219, 193, 197



Tritanopia
146, 182, 227

Trichromacy



Original Color

138, 183, 215



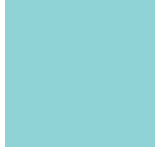
Protanomaly

181, 200, 205



Deuteranomaly

190, 198, 201



Tritanomaly

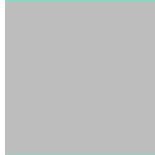
143, 178, 215

Monochromacy



Original Color

138, 183, 215



Achromatopsia

189, 189, 189



Achromatomaly

170, 186, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 183, 215 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(138, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(138, 215, 193)  
}
```

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(138, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 215, 193) }
```

Border

The CSS property to change the border of an element to RYB 138, 183, 215 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(138, 215, 193) }
```

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

```
.border{ border-color:rgb(138, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(138, 215,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 138, 183, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 215, 193) }
```

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

```
.background{ background-color: rgb(138,  
215, 193) }
```

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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