

Converting Colors

`RYB(138, 171, 205)`

Have a look what the booklet for
RYB(138, 171, 205) contains.

RYB(138, 171, 205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(138, 171, 205)

Conversions

Conversions Part 1

Format	Color
Hex	8ACBCD
RGB	138, 203, 205
RGB Percent	54%, 80%, 80%
CMY	0.4588, 0.2038, 0.1961
CMYK	0.33, 0.01, 0.00, 0.20
HSL	182°, 40%, 67%
HSV	182°, 33%, 80%
XYZ	42.8636, 52.5368, 65.6391
YIQ	183.7930, -39.3820, -13.1580

Conversions

Conversions Part 2

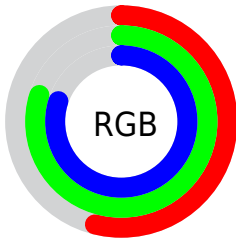
Format	Color
RYB	138, 171, 205
Decimal	9096141
CIELab	77.60, -20.02, -7.57
CIElCh	78, 21.405, 200.716
Yxy	52.5368, 0.2662, 0.3262
Android (android.graphics.Color)	4287286221 (0xFF8ACBCD)
YUV	183.7930, 10.4551, -40.1605
Hunter-Lab	72.4823, -21.2852, -2.9547

Details

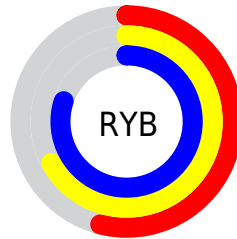
The RYB color **138, 171, 205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 140, 138**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **194, 225, 255**, and **84, 117, 151** is the 20% darker color. If you saturate the color by 10%, you get **118, 161, 205**, and if you desaturate by 10%, it is **159, 182, 205**.

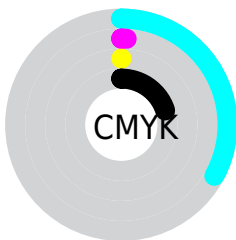
Distribution



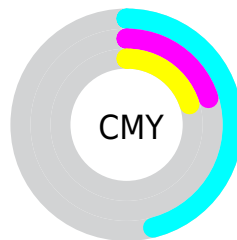
- Red (54%)
- Green (80%)
- Blue (80%)



- Red (54%)
- Yellow (67%)
- Blue (80%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 171, 205 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, 171, 205 by changing the saturation by 10% instead.


 138, 171, 205


255, 255, 255


 194, 225, 255

 222, 239, 255

 252, 254, 255

 138, 171, 205

 111, 144, 178


 84, 117, 151

 58, 91, 125

 29, 64, 100

 0, 37, 76

 0, 26, 54

 0, 16, 32

 0, 0, 8


 0, 0, 0

 138, 171, 205


 138, 171, 205

 118, 161, 205


 159, 182, 205

 97, 150, 205


 179, 192, 205

 77, 140, 205


 200, 203, 205

 56, 129, 205

 220, 205, 205

 35, 119, 205

 241, 206, 205

 15, 108, 205

 255, 207, 205

 0, 101, 205

 255, 208, 205

Harmonies

Analogous

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



149, 181, 203



138, 171, 205



142, 176, 222

Triad

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



138, 171, 205



212, 182, 217



196, 213, 153

Complementary

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



138, 171, 205



205, 140, 138

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.



228, 191, 162



138, 171, 205



228, 178, 199

Square

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



138, 171, 205



187, 189, 229



233, 178, 179



155, 195, 158

Rectangle

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



138, 171, 205



153, 181, 229



233, 178, 179



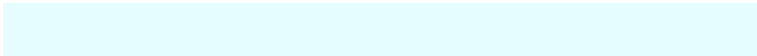
219, 215, 155

Sweetspot

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



138, 171, 205



230, 242, 255



138, 204, 205



112, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 171, 205



156, 205, 255



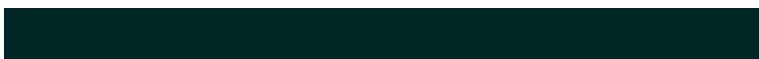
138, 160, 205



92, 97, 102



0, 82, 166



0, 19, 38

Inverse Universe

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



205, 138, 203



255, 156, 252



199, 205, 138



102, 92, 102



166, 0, 161



38, 0, 37

Previews

White Background



This preview shows how the RYB color 138, 171, 205 looks on a white background.

Color Contrast Check

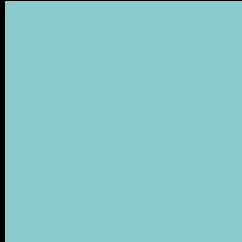
Large Text (above 18pt) WCAG AA × Fail

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, 171, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

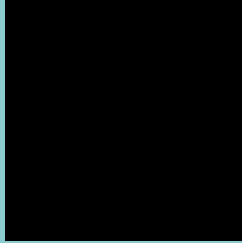
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

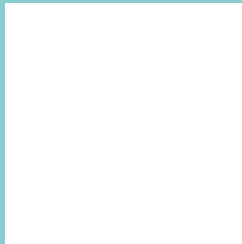
Any Text WCAG AAA ✓ Pass

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

RYB 138, 171, 205 Background



This preview shows how black text looks on a background with the RYB color 138, 171, 205.

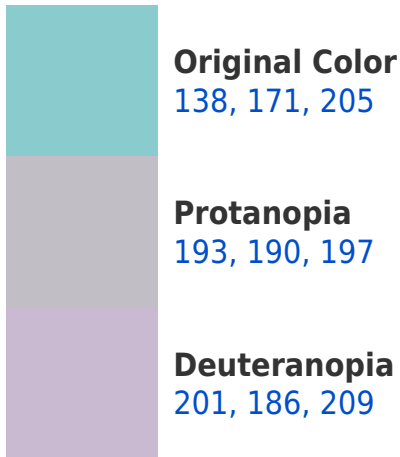


This preview shows how white text looks on a background with the RYB color 138, 171, 205.

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
141, 175, 217

Trichromacy



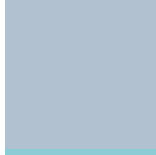
Original Color

138, 171, 205



Protanomaly

173, 185, 200



Deuteranomaly

178, 188, 208



Tritanomaly

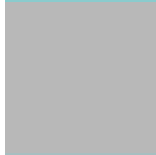
140, 174, 213

Monochromacy



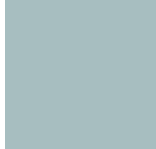
Original Color

138, 171, 205



Achromatopsia

184, 184, 184



Achromatomaly

167, 179, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 171, 205 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, 203, 205)` looks like.

```
.text, #text, p{  
    color:rgb(138, 203, 205)  
}
```

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, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 203, 205) }
```

Border

The CSS property to change the border of an element to RYB 138, 171, 205 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, 203, 205) }
```

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

```
.border{ border-color:rgb(138, 203, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 203, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 203, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 203, 205); box-shadow:4px 4px 4px 4px rgb(138, 203, 205) }
```

Background

The CSS property to change the background color of an element to RYB 138, 171, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 203, 205) }
```

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

```
.background{ background-color: rgb(138,  
203, 205) }
```

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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