

Converting Colors

`RYB(138, 192, 224)`

Have a look what the booklet for
RYB(138, 192, 224) contains.

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Color

R_YB(138, 192, 224)

Conversions

Conversions Part 1

Format	Color
Hex	8AE0BD
RGB	138, 224, 189
RGB Percent	54%, 88%, 74%
CMY	0.4588, 0.1216, 0.2590
CMYK	0.38, 0.00, 0.16, 0.12
HSL	156°, 58%, 71%
HSV	156°, 38%, 88%
XYZ	46.3182, 62.3871, 57.7237
YIQ	194.2960, -40.0210, -29.1170

Conversions

Conversions Part 2

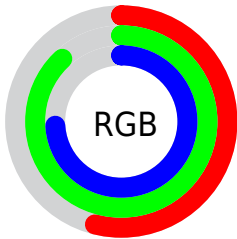
Format	Color
RYB	138, 192, 224
Decimal	9101501
CIELab	83.12, -33.77, 9.03
CIELCh	83, 34.956, 165.035
Yxy	62.3871, 0.2783, 0.3749
Android (android.graphics.Color)	4287291581 (0xFF8AE0BD)
YUV	194.2960, -2.6109, -49.3716
Hunter-Lab	78.9855, -33.5498, 11.9599

Details

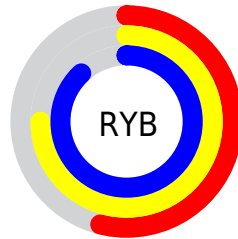
The RYB color **138, 192, 224** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **224, 138, 173**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **194, 227, 255**, and **83, 135, 168** is the 20% darker color. If you saturate the color by 10%, you get **116, 184, 224**, and if you desaturate by 10%, it is **160, 200, 224**.

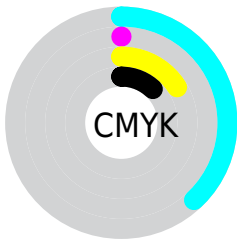
Distribution



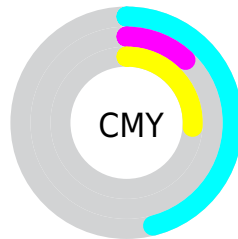
- Red (54%)
- Green (88%)
- Blue (74%)



- Red (54%)
- Yellow (75%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (46%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 192, 224 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, 192, 224 by changing the saturation by 10% instead.

 138, 192, 224


255, 255, 255


 194, 227, 255


 223, 239, 255

253, 254, 255

 138, 192, 224

 110, 164, 196

 83, 135, 168


 55, 108, 142

 22, 78, 116

 0, 53, 90

 0, 41, 66


 0, 30, 44

 0, 19, 19


 0, 0, 0

 138, 192, 224


 138, 192, 224

 116, 184, 224


 160, 200, 224

 93, 175, 224


 183, 209, 224

 71, 167, 224

 205, 217, 224

 48, 159, 224

 228, 224, 225

 26, 150, 224

 250, 224, 235

 4, 142, 224

 255, 224, 244

 0, 141, 224

 255, 224, 253

 255, 224, 255

Harmonies

Analogous

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



160, 219, 203



138, 192, 224



107, 167, 225

Triad

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



138, 192, 224



188, 201, 255



255, 200, 162

Complementary

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



138, 192, 224



224, 138, 173

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, 183, 191



138, 192, 224



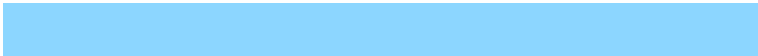
232, 193, 254

Square

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



138, 192, 224



140, 185, 255



255, 184, 225



228, 245, 144

Rectangle

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



138, 192, 224



101, 167, 244



255, 184, 225



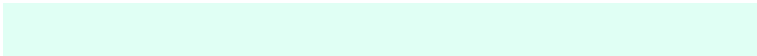
255, 189, 171

Sweetspot

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



138, 192, 224



224, 243, 255



138, 224, 188



110, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 192, 224



138, 212, 255



138, 179, 224



101, 108, 112



0, 111, 176



0, 30, 48

Inverse Universe

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



224, 138, 173



255, 138, 185



224, 146, 138



112, 101, 106



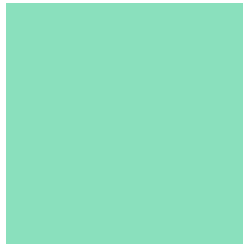
176, 0, 72



48, 0, 20

Previews

White Background



This preview shows how the RYB color 138, 192, 224 looks on a white background.

Color Contrast Check

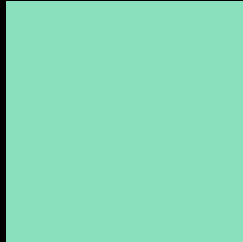
Large Text (above 18pt) WCAG AA × Fail

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, 192, 224 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](#).

RYP 138, 192, 224 Background



This preview shows how black text looks on a background with the RYB color 138, 192, 224.

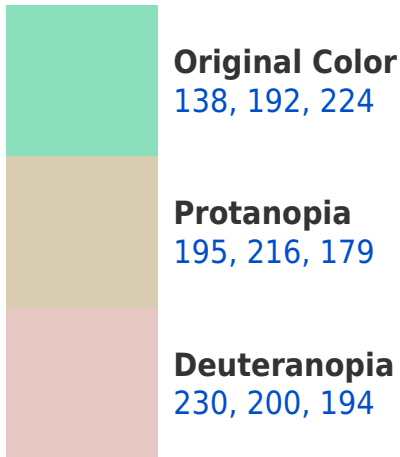


This preview shows how white text looks on a background with the RYB color 138, 192, 224.

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, 187, 235

Trichromacy



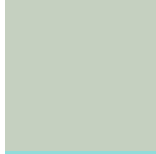
Original Color

138, 192, 224



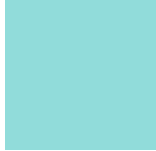
Protanomaly

183, 212, 207



Deuteranomaly

192, 208, 203



Tritanomaly

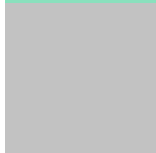
145, 183, 220

Monochromacy



Original Color

138, 192, 224



Achromatopsia

194, 194, 194



Achromatomaly

174, 194, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 192, 224 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, 224, 189)` looks like.

```
.text, #text, p{  
    color:rgb(138, 224, 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(138, 224, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 224, 189) }
```

Border

The CSS property to change the border of an element to RYB 138, 192, 224 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, 224, 189) }
```

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

```
.border{ border-color:rgb(138, 224, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 224, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 224, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 224, 189);  
box-shadow:4px 4px 4px 4px rgb(138, 224,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 138, 192, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 224, 189) }
```

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

```
.background{ background-color: rgb(138,  
224, 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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