

Converting Colors

`RYB(139, 189, 238)`

Have a look what the booklet for
RYB(139, 189, 238) contains.

RYB(139, 189, 238)	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(139, 189, 238)

Conversions

Conversions Part 1

Format	Color
Hex	8BEEEC
RGB	139, 238, 236
RGB Percent	55%, 93%, 93%
CMY	0.4549, 0.0667, 0.0744
CMYK	0.42, 0.00, 0.01, 0.07
HSL	179°, 74%, 74%
HSV	179°, 42%, 93%
XYZ	56.3652, 72.6953, 90.4330
YIQ	208.1710, -58.3620, -21.6100

Conversions

Conversions Part 2

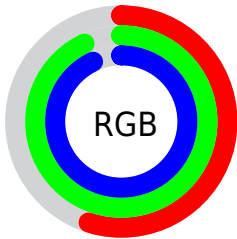
Format	Color
R _Y B	139, 189, 238
Decimal	9170668
CIE Lab	88.30, -29.50, -8.17
CIE LCh	88, 30.612, 195.472
Yxy	72.6953, 0.2568, 0.3312
Android (android.graphics.Color)	4287360748 (0xFF8BEEEC)
YUV	208.1710, 13.7197, -60.6630
Hunter-Lab	85.2616, -31.2039, -3.2030

Details

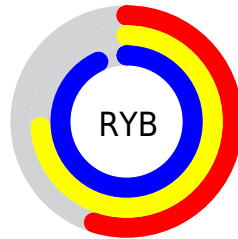
The RYB color **139, 189, 238** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **238, 139, 141**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **197, 226, 255**, and **81, 132, 182** is the 20% darker color. If you saturate the color by 10%, you get **115, 177, 238**, and if you desaturate by 10%, it is **163, 201, 238**.

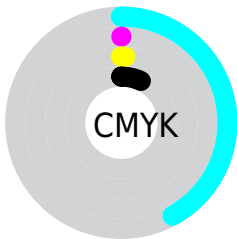
Distribution



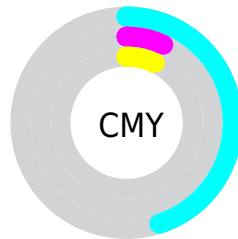
- Red (55%)
- Green (93%)
- Blue (93%)



- Red (55%)
- Yellow (74%)
- Blue (93%)



- Cyan (42%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)




- Cyan (45%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RYB color 139, 189, 238 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 139, 189, 238 by changing the saturation by 10% instead.


 139, 189, 238

 139, 189, 238

255, 255, 255

 110, 161, 210

 197, 226, 255


 81, 132, 182

 227, 241, 255


 48, 102, 155

 0, 64, 128

 0, 52, 103

 0, 39, 79

 0, 28, 56

 0, 18, 35


 0, 1, 13

 139, 189, 238


 139, 189, 238

 115, 177, 238


 163, 201, 238

 91, 165, 238


 187, 213, 238

 68, 154, 238

 210, 224, 238

 44, 142, 238

 234, 236, 238

 20, 130, 238

 255, 238, 238

 0, 120, 238

 255, 238, 239

 255, 238, 240

Harmonies

Analogous

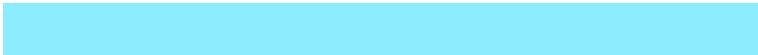
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162, 209, 237



139, 189, 238



139, 192, 255

Triad

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



139, 189, 238



245, 209, 255



239, 255, 166

Complementary

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



139, 189, 238



238, 139, 141

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, 219, 181



139, 189, 238



255, 202, 237

Square

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



139, 189, 238



207, 217, 255



255, 201, 207



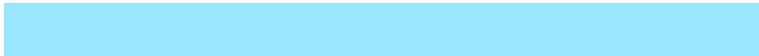
167, 227, 165

Rectangle

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



139, 189, 238



155, 198, 255



255, 201, 207



255, 255, 169

Sweetspot

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



139, 189, 238



224, 240, 255



139, 238, 235



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 189, 238



128, 192, 255



139, 174, 238



108, 114, 120



0, 93, 184



0, 28, 56

Inverse Universe

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



238, 139, 141



255, 128, 130



238, 225, 139



120, 108, 108



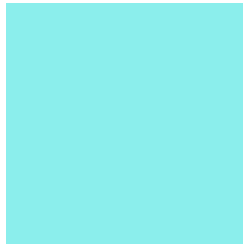
184, 0, 4



56, 0, 1

Previews

White Background



This preview shows how the RYB color 139, 189, 238 looks on a white background.

Color Contrast Check

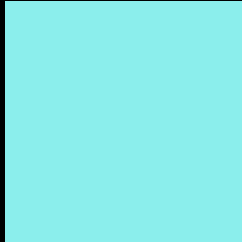
Large Text (above 18pt) WCAG AA × Fail

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 139, 189, 238 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 139, 189, 238 Background



This preview shows how black text looks on a background with the RYB color 139, 189, 238.

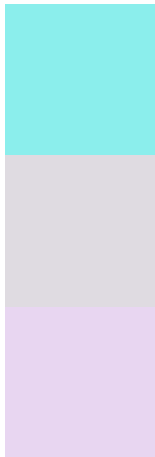


This preview shows how white text looks on a background with the RYB color 139, 189, 238.

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](#).

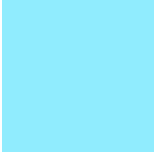
Dichromacy



Original Color
139, 189, 238

Protanopia
223, 219, 225

Deuteranopia
232, 214, 241



Tritanopia
144, 194, 254

Trichromacy



Original Color

139, 189, 238



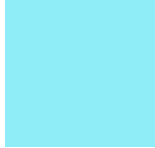
Protanomaly

192, 210, 229



Deuteranomaly

198, 214, 239



Tritanomaly

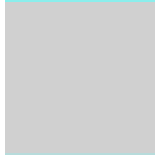
142, 192, 247

Monochromacy



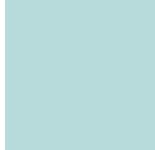
Original Color

139, 189, 238



Achromatopsia

208, 208, 208



Achromatomaly

183, 201, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 189, 238 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(139, 238, 236)` looks like.

```
.text, #text, p{  
    color:rgb(139, 238, 236)  
}
```

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(139, 238, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 238, 236) }
```

Border

The CSS property to change the border of an element to RYB 139, 189, 238 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(139, 238, 236) }
```

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

```
.border{ border-color:rgb(139, 238, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 238, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 238, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 238, 236);  
box-shadow:4px 4px 4px 4px rgb(139, 238,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 139, 189, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 238, 236) }
```

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

```
.background{ background-color: rgb(139,  
238, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor