

Converting Colors

`RYB(143, 192, 239)`

Have a look what the booklet for RYB(143, 192, 239) contains.

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Color

R_YB(143, 192, 239)

Conversions

Conversions Part 1

Format	Color
Hex	8FEFEB
RGB	143, 239, 235
RGB Percent	56%, 94%, 92%
CMY	0.4392, 0.0627, 0.0781
CMYK	0.40, 0.00, 0.02, 0.06
HSL	178°, 75%, 75%
HSV	178°, 40%, 94%
XYZ	57.2014, 73.5755, 89.8458
YIQ	209.8400, -55.9320, -21.5960

Conversions

Conversions Part 2

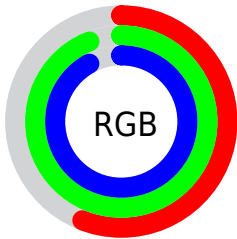
Format	Color
RYB	143, 192, 239
Decimal	9433067
CIELab	88.72, -29.24, -7.04
CIELCh	89, 30.077, 193.528
Yxy	73.5755, 0.2593, 0.3335
Android (android.graphics.Color)	4287623147 (0xFF8FEFEB)
YUV	209.8400, 12.4039, -58.6187
Hunter-Lab	85.7762, -31.0724, -2.0597

Details

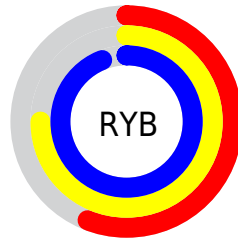
The RYB color **143, 192, 239** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **239, 143, 147**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **201, 228, 255**, and **85, 135, 183** is the 20% darker color. If you saturate the color by 10%, you get **119, 180, 239**, and if you desaturate by 10%, it is **167, 204, 239**.

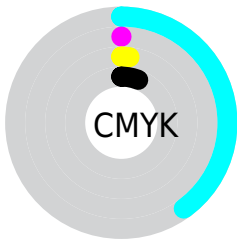
Distribution



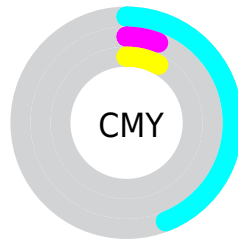
- Red (56%)
- Green (94%)
- Blue (92%)



- Red (56%)
- Yellow (75%)
- Blue (94%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (44%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RYB color 143, 192, 239 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 143, 192, 239 by changing the saturation by 10% instead.


 143, 192, 239

 143, 192, 239


255, 255, 255

 114, 164, 211

 201, 228, 255

 85, 135, 183

 230, 243, 255


 55, 106, 156

 11, 71, 129

 0, 53, 104

 0, 40, 79


 0, 28, 56

 0, 18, 35


 0, 0, 12


 143, 192, 239


 143, 192, 239

 119, 180, 239


 167, 204, 239

 95, 169, 239


 191, 216, 239

 71, 157, 239

 215, 227, 239

 47, 145, 239

 239, 239, 239

 24, 134, 239

 255, 239, 240

 0, 122, 239

 255, 239, 241

 255, 239, 242

 255, 239, 243

 255, 239, 244

Harmonies

Analogous

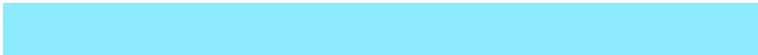
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



166, 212, 238



143, 192, 239



142, 193, 255

Triad

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



143, 192, 239



243, 211, 255



239, 255, 168

Complementary

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



143, 192, 239



239, 143, 147

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, 217, 185



143, 192, 239



255, 204, 240

Square

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



143, 192, 239



206, 217, 255



255, 202, 211



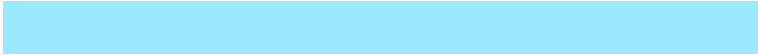
174, 231, 167

Rectangle

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



143, 192, 239



156, 199, 255



255, 202, 211



255, 249, 172

Sweetspot

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



143, 192, 239



224, 240, 255



143, 239, 234



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



143, 192, 239



133, 195, 255



143, 177, 239



108, 114, 120



0, 94, 184



0, 29, 56

Inverse Universe

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



239, 143, 147



255, 133, 138



239, 221, 143



120, 108, 108



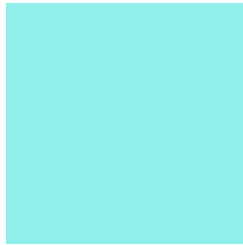
184, 0, 7



56, 0, 2

Previews

White Background



This preview shows how the RYB color 143, 192, 239 looks on a white background.

Color Contrast Check

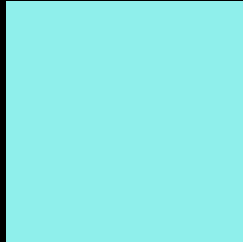
Large Text (above 18pt) WCAG AA × Fail

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 143, 192, 239 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 143, 192, 239 Background



This preview shows how black text looks on a background with the RYB color 143, 192, 239.



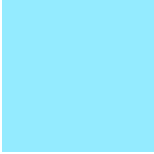
This preview shows how white text looks on a background with the RYB color 143, 192, 239.

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
148, 196, 255

Trichromacy



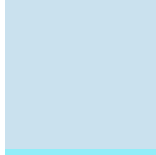
Original Color

143, 192, 239



Protanomaly

195, 211, 228



Deuteranomaly

202, 216, 238



Tritanomaly

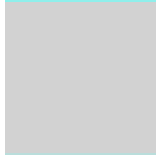
146, 194, 248

Monochromacy



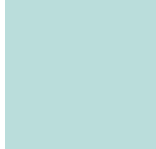
Original Color

143, 192, 239



Achromatopsia

210, 210, 210



Achromatomaly

186, 204, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 192, 239 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(143, 239, 235)` looks like.

```
.text, #text, p{  
    color:rgb(143, 239, 235)  
}
```

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(143, 239, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 239, 235) }
```

Border

The CSS property to change the border of an element to RYB 143, 192, 239 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(143, 239, 235) }
```

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

```
.border{ border-color:rgb(143, 239, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 239, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 239, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 239, 235);  
box-shadow:4px 4px 4px 4px rgb(143, 239,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 143, 192, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 239, 235) }
```

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

```
.background{ background-color: rgb(143,  
239, 235) }
```

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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