

Converting Colors

`RYB(143, 188, 232)`

Have a look what the booklet for
RYB(143, 188, 232) contains.

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Color

`RYB(143, 188, 232)`

Conversions

Conversions Part 1

Format	Color
Hex	8FE8E6
RGB	143, 232, 230
RGB Percent	56%, 91%, 90%
CMY	0.4392, 0.0902, 0.0980
CMYK	0.38, 0.00, 0.01, 0.09
HSL	179°, 66%, 74%
HSV	179°, 38%, 91%
XYZ	54.4704, 69.2673, 85.3783
YIQ	205.1610, -52.4020, -19.4900

Conversions

Conversions Part 2

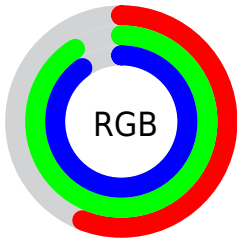
Format	Color
RYB	143, 188, 232
Decimal	9431270
CIELab	86.64, -27.08, -7.47
CIELCh	87, 28.094, 195.417
Yxy	69.2673, 0.2605, 0.3312
Android (android.graphics.Color)	4287621350 (0xFF8FE8E6)
YUV	205.1610, 12.2456, -54.5152
Hunter-Lab	83.2270, -28.8226, -2.5637

Details

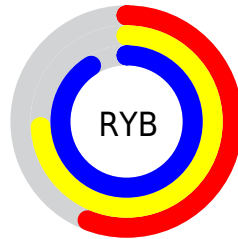
The RYB color **143, 188, 232** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **232, 143, 145**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **200, 228, 255**, and **86, 131, 176** is the 20% darker color. If you saturate the color by 10%, you get **120, 177, 232**, and if you desaturate by 10%, it is **166, 199, 232**.

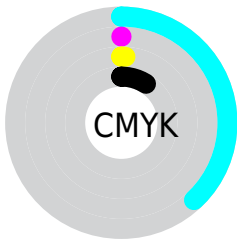
Distribution



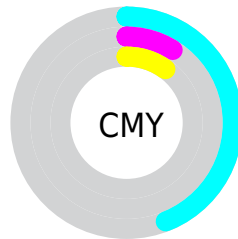
- Red (56%)
- Green (91%)
- Blue (90%)



- Red (56%)
- Yellow (74%)
- Blue (91%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 188, 232 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, 188, 232 by changing the saturation by 10% instead.


 143, 188, 232

 143, 188, 232


255, 255, 255

 115, 160, 204

 200, 228, 255


 86, 131, 176

 230, 243, 255


 57, 103, 149

 19, 71, 123

 0, 49, 98

 0, 37, 74


 0, 25, 51


 0, 16, 31


 0, 0, 4

 143, 188, 232


 143, 188, 232

 120, 177, 232

 166, 199, 232

 97, 165, 232


 189, 211, 232

 73, 154, 232


 213, 223, 232

 50, 142, 232

 236, 232, 232

 27, 131, 232

 255, 232, 233

 4, 119, 232

 255, 232, 234

 0, 117, 232

 255, 232, 235

Harmonies

Analogous

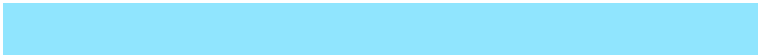
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163, 206, 231



143, 188, 232



144, 192, 254

Triad

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



143, 188, 232



238, 206, 254



236, 249, 166

Complementary

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



143, 188, 232



232, 143, 145

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, 213, 180



143, 188, 232



255, 199, 231

Square

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



143, 188, 232



204, 213, 255



255, 198, 204



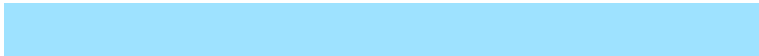
167, 222, 165

Rectangle

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



143, 188, 232



158, 198, 255



255, 198, 204



255, 240, 169

Sweetspot

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



143, 188, 232



224, 240, 255



143, 232, 229



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



143, 188, 232



138, 197, 255



143, 174, 232



103, 109, 115



0, 91, 179



0, 26, 51

Inverse Universe

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



232, 143, 145



255, 138, 140



232, 223, 143



115, 103, 104



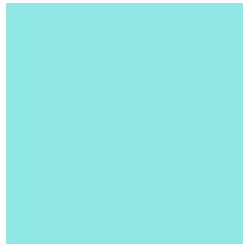
179, 0, 4



51, 0, 1

Previews

White Background



This preview shows how the RYB color 143, 188, 232 looks on a white background.

Color Contrast Check

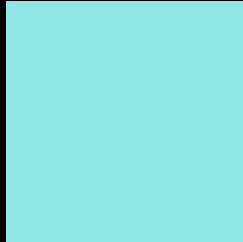
Large Text (above 18pt) WCAG AA × Fail

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, 188, 232 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, 188, 232 Background



This preview shows how black text looks on a background with the RYB color 143, 188, 232.

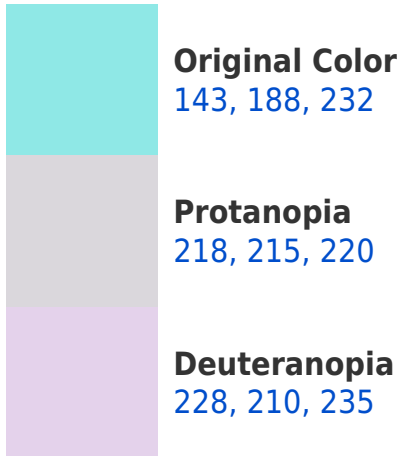



This preview shows how white text looks on a background with the RYB color 143, 188, 232.

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



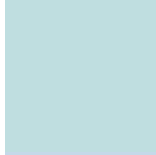


Tritanopia
148, 193, 248

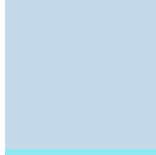
Trichromacy



Original Color
143, 188, 232



Protanomaly
191, 207, 224



Deuteranomaly
197, 210, 233

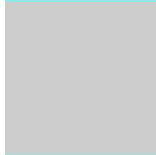


Tritanomaly
146, 191, 241

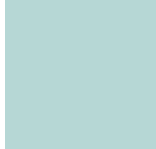
Monochromacy



Original Color
143, 188, 232



Achromatopsia
205, 205, 205



Achromatomaly
182, 199, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 188, 232 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, 232, 230)` looks like.

```
.text, #text, p{  
    color:rgb(143, 232, 230)  
}
```

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, 232, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 232, 230) }
```

Border

The CSS property to change the border of an element to RYB 143, 188, 232 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, 232, 230) }
```

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

```
.border{ border-color:rgb(143, 232, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 232, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 232, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 232, 230);  
box-shadow:4px 4px 4px 4px rgb(143, 232,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 143, 188, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 232, 230) }
```

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

```
.background{ background-color: rgb(143,  
232, 230) }
```

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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