

Converting Colors

`RYB(143, 198, 252)`

Have a look what the booklet for
RYB(143, 198, 252) contains.

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Color

R_YB(143, 198, 252)

Conversions

Conversions Part 1

Format	Color
Hex	8FFCFA
RGB	143, 252, 250
RGB Percent	56%, 99%, 98%
CMY	0.4392, 0.0118, 0.0195
CMYK	0.43, 0.00, 0.01, 0.01
HSL	179°, 95%, 77%
HSV	179°, 43%, 99%
XYZ	63.3963, 82.3637, 103.0139
YIQ	219.1810, -64.3220, -23.7300

Conversions

Conversions Part 2

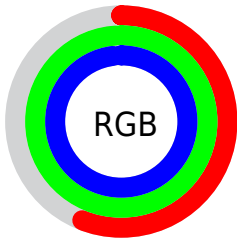
Format	Color
RYB	143, 198, 252
Decimal	9436410
CIELab	92.74, -31.82, -8.87
CIELCh	93, 33.035, 195.567
Yxy	82.3637, 0.2548, 0.3311
Android (android.graphics.Color)	4287626490 (0xFF8FFCFA)
YUV	219.1810, 15.1938, -66.8107
Hunter-Lab	90.7545, -34.1296, -3.7710

Details

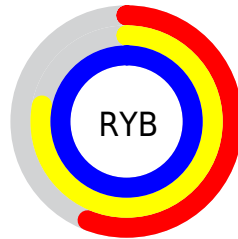
The RYB color **143, 198, 252** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **252, 143, 145**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **202, 229, 255**, and **83, 139, 195** is the 20% darker color. If you saturate the color by 10%, you get **118, 186, 252**, and if you desaturate by 10%, it is **168, 211, 252**.

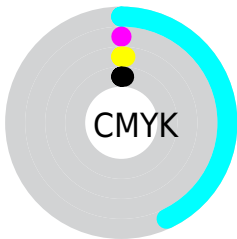
Distribution



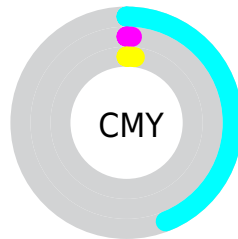
- Red (56%)
- Green (99%)
- Blue (98%)



- Red (56%)
- Yellow (78%)
- Blue (99%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (44%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 198, 252 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, 198, 252 by changing the saturation by 10% instead.

 143, 198, 252


255, 255, 255

 202, 229, 255

 232, 244, 255

 143, 198, 252

 113, 169, 223

 83, 139, 195

 49, 109, 168

 0, 71, 141

 0, 58, 115

 0, 45, 90


 0, 33, 67

 0, 22, 45


 0, 10, 24

 143, 198, 252


 143, 198, 252

 118, 186, 252


 168, 211, 252

 93, 173, 252


 193, 223, 252

 67, 160, 252

 219, 236, 252

 42, 148, 252

 244, 248, 252

 17, 136, 252

 255, 252, 252

 0, 127, 252

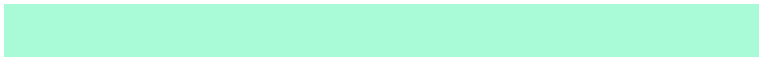
 255, 252, 253

 255, 252, 254

Harmonies

Analogous

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



169, 221, 251



143, 198, 252



143, 197, 255

Triad

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



143, 198, 252



255, 220, 255



216, 255, 173

Complementary

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



143, 198, 252



252, 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, 236, 190



143, 198, 252



255, 213, 251

Square

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



143, 198, 252



218, 228, 255



255, 211, 219



176, 240, 173

Rectangle

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



143, 198, 252



161, 205, 255



255, 211, 219



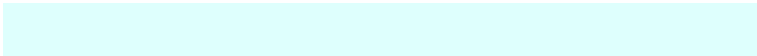
231, 255, 177

Sweetspot

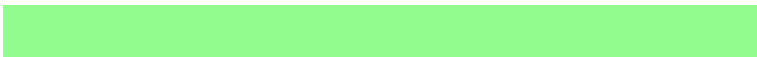
The Sweet Spot groups the original color and five complimentary colors.



143, 198, 252



222, 239, 255



143, 252, 248



107, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

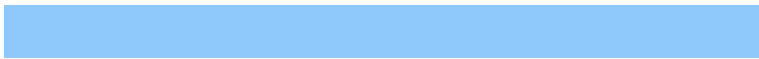
The Same Dimension uses a secret algorithm to generate beautiful new colors.



143, 198, 252



122, 189, 255



143, 181, 252



112, 119, 125



0, 96, 189



0, 31, 61

Inverse Universe

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



252, 143, 145



255, 122, 125



252, 239, 143



125, 112, 113



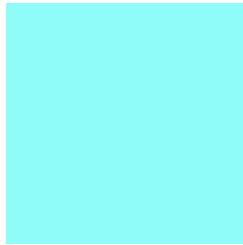
189, 0, 3



61, 0, 1

Previews

White Background



This preview shows how the RYB color 143, 198, 252 looks on a white background.

Color Contrast Check

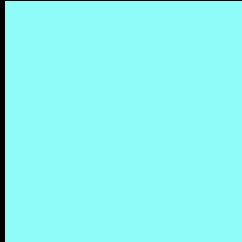
Large Text (above 18pt) WCAG AA × Fail

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, 198, 252 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, 198, 252 Background



This preview shows how black text looks on a background with the RYB color 143, 198, 252.

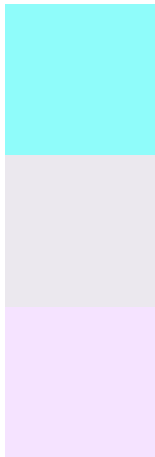


This preview shows how white text looks on a background with the RYB color 143, 198, 252.

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
143, 198, 252

Protanopia
235, 232, 238

Deuteranopia
245, 227, 255



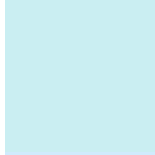
Tritanopia
189, 219, 255

Trichromacy



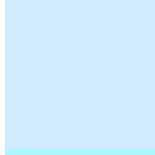
Original Color

143, 198, 252



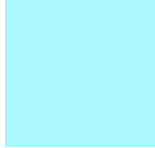
Protanomaly

202, 221, 242



Deuteranomaly

208, 225, 253



Tritanomaly

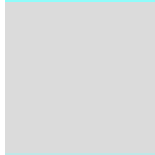
172, 211, 253

Monochromacy



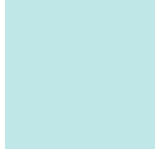
Original Color

143, 198, 252



Achromatopsia

219, 219, 219



Achromatomaly

191, 211, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 198, 252 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, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(143, 252, 250)  
}
```

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, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 252, 250) }
```

Border

The CSS property to change the border of an element to RYB 143, 198, 252 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, 252, 250) }
```

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

```
.border{ border-color:rgb(143, 252, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 252, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 252, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 252, 250); box-shadow:4px 4px 4px 4px rgb(143, 252, 250) }
```

Background

The CSS property to change the background color of an element to RYB 143, 198, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 252, 250) }
```

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

```
.background{ background-color: rgb(143,  
252, 250) }
```

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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