

Converting Colors

`RYB(143, 227, 252)`

Have a look what the booklet for
RYB(143, 227, 252) contains.

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Color

R_YB(143, 227, 252)

Conversions

Conversions Part 1

Format	Color
Hex	8FFCAF
RGB	143, 252, 175
RGB Percent	56%, 99%, 69%
CMY	0.4392, 0.0118, 0.3120
CMYK	0.43, 0.00, 0.30, 0.01
HSL	138°, 95%, 77%
HSV	138°, 43%, 99%
XYZ	53.9193, 78.5729, 53.1089
YIQ	210.6310, -40.2470, -47.0550

Conversions

Conversions Part 2

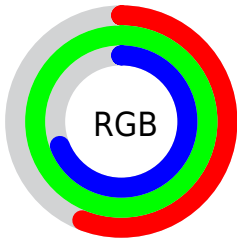
Format	Color
RYB	143, 227, 252
Decimal	9436335
CIELab	91.04, -47.47, 27.12
CIELCh	91, 54.673, 150.263
Yxy	78.5729, 0.2905, 0.4233
Android (android.graphics.Color)	4287626415 (0xFF8FFCAF)
YUV	210.6310, -17.5661, -59.3124
Hunter-Lab	88.6414, -46.5434, 26.5258

Details

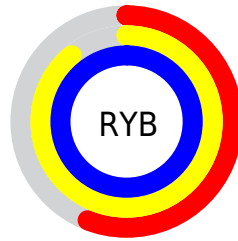
The RYB color **143, 227, 252** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **252, 143, 220**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **201, 236, 255**, and **85, 167, 195** is the 20% darker color. If you saturate the color by 10%, you get **118, 221, 252**, and if you desaturate by 10%, it is **168, 233, 252**.

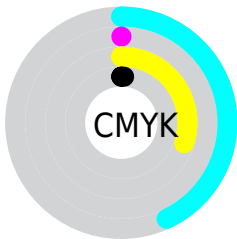
Distribution



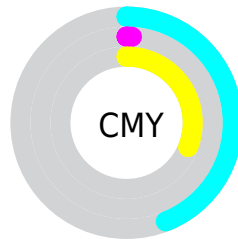
- Red (56%)
- Green (99%)
- Blue (69%)



- Red (56%)
- Yellow (89%)
- Blue (99%)



- Cyan (43%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)



- Cyan (44%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 227, 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, 227, 252 by changing the saturation by 10% instead.


 143, 227, 252

255, 255, 255


 201, 236, 255

 230, 243, 255

 143, 227, 252


 114, 197, 223

 85, 167, 195

 54, 136, 167

 11, 98, 140

 0, 80, 114

 0, 68, 88

 0, 62, 64

 0, 43, 43

 0, 7, 7

 143, 227, 252

 143, 227, 252

 118, 221, 252

 168, 233, 252

 93, 216, 252


 193, 238, 252

 67, 210, 252

 219, 244, 252

 42, 204, 252

 244, 250, 252

 17, 198, 252

 255, 252, 255

 0, 194, 252

Harmonies

Analogous

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



136, 242, 170



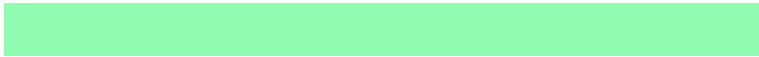
143, 227, 252



40, 155, 255

Triad

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



143, 227, 252



146, 195, 255



255, 195, 179

Complementary

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



143, 227, 252



252, 143, 220

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, 187, 231



143, 227, 252



235, 215, 255

Square

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



143, 227, 252



0, 126, 255



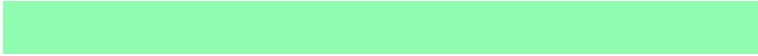
255, 197, 255



218, 255, 139

Rectangle

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



143, 227, 252



0, 128, 255



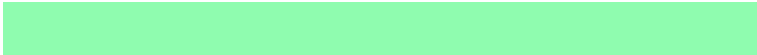
255, 197, 255



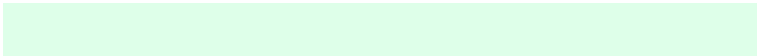
255, 189, 196

Sweetspot

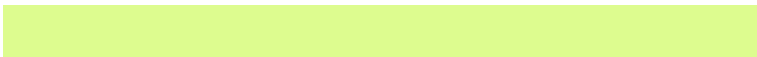
The Sweet Spot groups the original color and five complimentary colors.



143, 227, 252



222, 247, 255



143, 252, 174



107, 123, 128



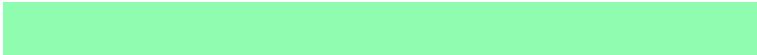
0, 0, 0



128, 128, 128

Same Dimension

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



143, 227, 252



122, 224, 255



143, 204, 252



112, 122, 125



0, 146, 189



0, 47, 61

Inverse Universe

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



252, 143, 220



255, 122, 216



252, 143, 167



125, 112, 121



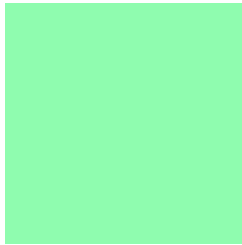
189, 0, 133



61, 0, 43

Previews

White Background



This preview shows how the RYB color 143, 227, 252 looks on a white background.

Color Contrast Check

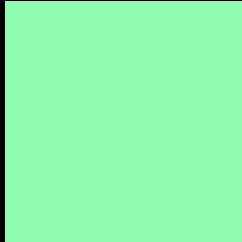
Large Text (above 18pt) WCAG AA × Fail

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, 227, 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, 227, 252 Background



This preview shows how black text looks on a background with the RYB color 143, 227, 252.

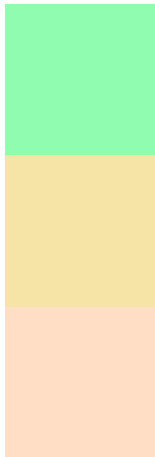


This preview shows how white text looks on a background with the RYB color 143, 227, 252.

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, 227, 252

Protanopia
187, 245, 165

Deuteranopia
255, 241, 197



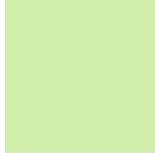
Tritanopia
177, 212, 255

Trichromacy



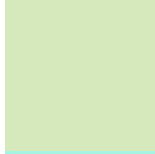
Original Color

143, 227, 252



Protanomaly

169, 237, 198



Deuteranomaly

189, 233, 208



Tritanomaly

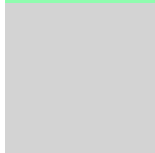
165, 210, 244

Monochromacy



Original Color

143, 227, 252



Achromatopsia

211, 211, 211



Achromatomaly

186, 217, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 227, 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(143, 252, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 252, 175) }
```

Border

The CSS property to change the border of an element to RYB 143, 227, 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, 175) }
```

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

```
.border{ border-color:rgb(143, 252, 175) }
```

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, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 252, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 252, 175);  
box-shadow:4px 4px 4px 4px rgb(143, 252,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 143, 227, 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, 175) }
```

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

```
.background{ background-color: rgb(143,  
252, 175) }
```

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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