

Converting Colors

`RYB(143, 255, 195)`

Have a look what the booklet for
RYB(143, 255, 195) contains.

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Color

R_YB(143, 255, 195)

Conversions

Conversions Part 1

Format	Color
Hex	CBFF8F
RGB	203, 255, 143
RGB Percent	80%, 100%, 56%
CMY	0.2039, 0.0000, 0.4392
CMYK	0.20, 0.00, 0.44, 0.00
HSL	88°, 100%, 78%
HSV	88°, 44%, 100%
XYZ	65.3465, 86.1997, 39.1807
YIQ	226.6840, 4.9600, -45.8560

Conversions

Conversions Part 2

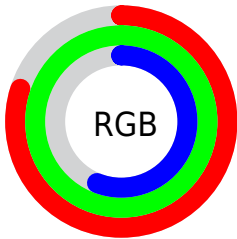
Format	Color
RYB	143, 255, 195
Decimal	13369231
CIELab	94.40, -34.55, 48.09
CIElCh	94, 59.214, 125.701
Yxy	86.1997, 0.3426, 0.4520
Android (android.graphics.Color)	4291559311 (0xFFCBFF8F)
YUV	226.6840, -41.2562, -20.7709
Hunter-Lab	92.8438, -36.8424, 39.9699

Details

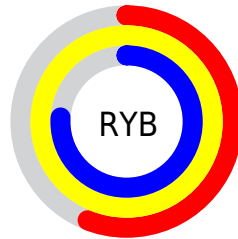
The RYB color **143, 255, 195** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **195, 143, 255**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **198, 255, 198**, and **90, 198, 141** is the 20% darker color. If you saturate the color by 10%, you get **118, 255, 182**, and if you desaturate by 10%, it is **169, 255, 209**.

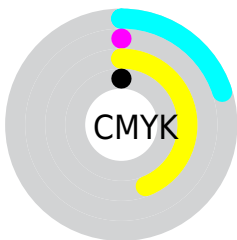
Distribution



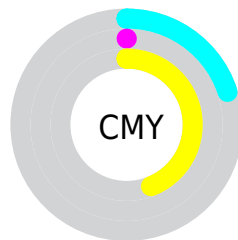
- Red (80%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 255, 195 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, 255, 195 by changing the saturation by 10% instead.

 143, 255, 195


255, 255, 255


 198, 255, 198


 227, 255, 227


 143, 255, 195


 116, 226, 167

 90, 198, 141

 64, 171, 115

 38, 144, 89

 5, 118, 57

 0, 93, 54

 0, 69, 62

 0, 46, 46

 0, 24, 24

 143, 255, 195

 143, 255, 195

 118, 255, 182

 169, 255, 209

 92, 255, 168

 194, 255, 222

 66, 255, 154

 220, 255, 236

 41, 255, 140

 245, 255, 250

 16, 255, 127

255, 255, 255

 0, 255, 118

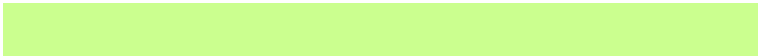
Harmonies

Analogous

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



140, 255, 122



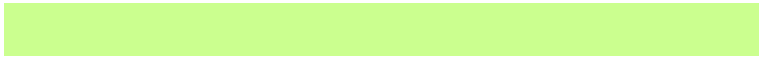
143, 255, 195



128, 213, 255

Triad

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



143, 255, 195



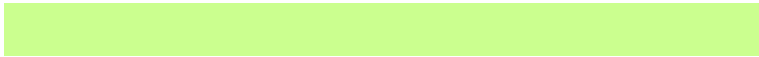
0, 128, 255



255, 192, 230

Complementary

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



143, 255, 195



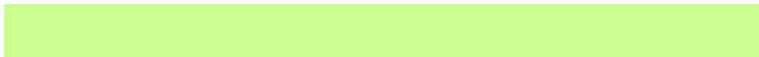
195, 143, 255

Split Complementary

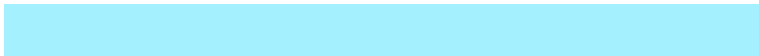
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



143, 255, 195



165, 206, 255

Square

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



143, 255, 195



0, 128, 255



255, 220, 255



255, 211, 175

Rectangle

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



143, 255, 195



42, 156, 255



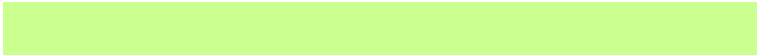
255, 220, 255



255, 193, 250

Sweetspot

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



143, 255, 195



222, 255, 237



255, 233, 143



107, 128, 117



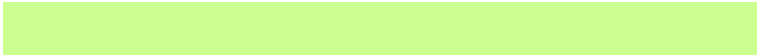
0, 0, 0



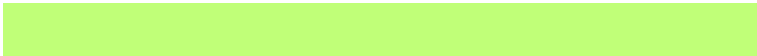
128, 128, 128

Same Dimension

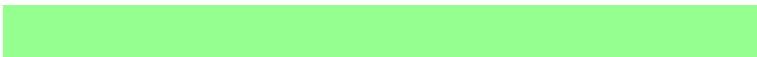
The Same Dimension uses a secret algorithm to generate beautiful new colors.



143, 255, 195



120, 255, 183



143, 255, 249



115, 128, 121



0, 191, 89



0, 64, 30

Inverse Universe

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



195, 143, 255



183, 120, 255



249, 143, 255



121, 115, 128



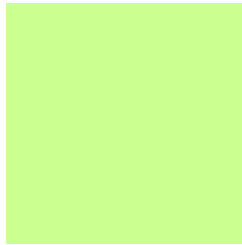
89, 0, 191



30, 0, 64

Previews

White Background



This preview shows how the RYB color 143, 255, 195 looks on a white background.

Color Contrast Check

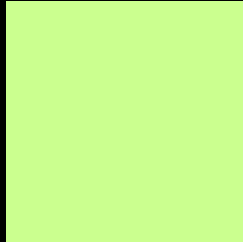
Large Text (above 18pt) WCAG AA × Fail

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, 255, 195 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, 255, 195 Background



This preview shows how black text looks on a background with the RYB color 143, 255, 195.

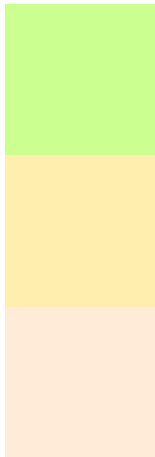


This preview shows how white text looks on a background with the RYB color 143, 255, 195.

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, 255, 195

Protanopia
194, 255, 173

Deuteranopia
255, 255, 215



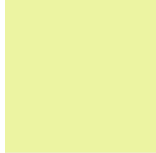
Tritanopia
225, 235, 255

Trichromacy



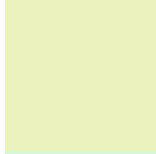
Original Color

143, 255, 195



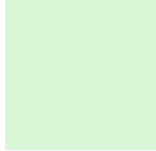
Protanomaly

162, 244, 170



Deuteranomaly

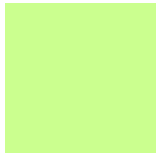
189, 242, 195



Tritanomaly

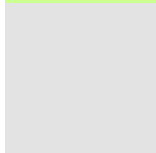
214, 246, 243

Monochromacy



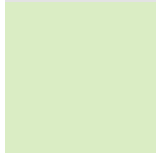
Original Color

143, 255, 195



Achromatopsia

227, 227, 227



Achromatomaly

196, 237, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 255, 195 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(203, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 143)  
}
```

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(203, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 143) }
```

Border

The CSS property to change the border of an element to RYB 143, 255, 195 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(203, 255, 143) }
```

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

```
.border{ border-color:rgb(203, 255, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 143, 255, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 143) }
```

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

```
.background{ background-color: rgb(203,  
255, 143) }
```

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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