

Converting Colors

`RYB(155, 255, 197)`

Have a look what the booklet for
RYB(155, 255, 197) contains.

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Color

R_YB(155, 255, 197)

Conversions

Conversions Part 1

Format	Color
Hex	D5FF9B
RGB	213, 255, 155
RGB Percent	84%, 100%, 61%
CMY	0.1647, 0.0000, 0.3922
CMYK	0.16, 0.00, 0.39, 0.00
HSL	85°, 100%, 80%
HSV	85°, 39%, 100%
XYZ	69.1170, 88.0327, 44.3595
YIQ	231.0420, 7.0680, -40.0040

Conversions

Conversions Part 2

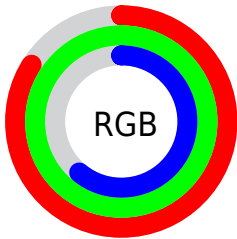
Format	Color
RYB	155, 255, 197
Decimal	14024603
CIELab	95.17, -29.57, 43.42
CIElCh	95, 52.532, 124.263
Yxy	88.0327, 0.3430, 0.4369
Android (android.graphics.Color)	4292214683 (0xFFD5FF9B)
YUV	231.0420, -37.4887, -15.8228
Hunter-Lab	93.8257, -32.7026, 37.6465

Details

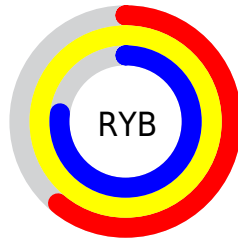
The RYB color **155, 255, 197** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **197, 155, 255**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **211, 255, 211**, and **102, 198, 143** is the 20% darker color. If you saturate the color by 10%, you get **130, 255, 183**, and if you desaturate by 10%, it is **180, 255, 211**.

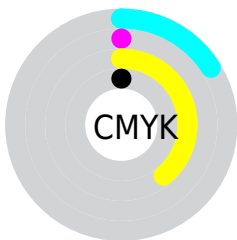
Distribution



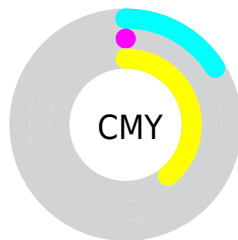
- Red (84%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (77%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 255, 197 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 155, 255, 197 by changing the saturation by 10% instead.

 155, 255, 197


255, 255, 255


 211, 255, 211


 239, 255, 239

 155, 255, 197

 128, 226, 169


 102, 198, 143

 77, 171, 118

 51, 144, 92

 25, 118, 66

 0, 93, 42

 0, 69, 42

 0, 47, 47

 0, 27, 27

■ 155, 255, 197

■ 155, 255, 197

■ 130, 255, 183

■ 180, 255, 211

■ 104, 255, 167

■ 206, 255, 227

■ 79, 255, 153

■ 232, 255, 242

■ 53, 255, 138

255, 255, 255

■ 27, 255, 123

■ 2, 255, 108

■ 0, 255, 107

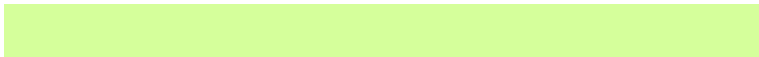
Harmonies

Analogous

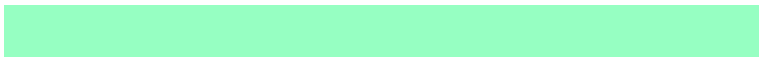
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



154, 255, 138



155, 255, 197



150, 224, 255

Triad

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



155, 255, 197



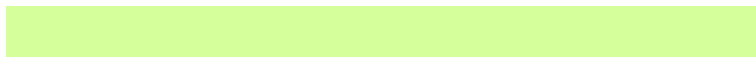
71, 163, 255



255, 201, 236

Complementary

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



155, 255, 197



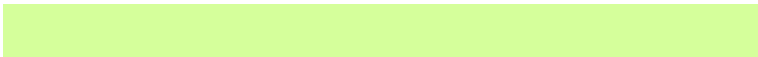
197, 155, 255

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, 208, 255



155, 255, 197



177, 213, 255

Square

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



155, 255, 197



0, 128, 255



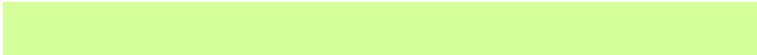
255, 225, 255



255, 216, 186

Rectangle

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



155, 255, 197



99, 184, 255



255, 225, 255



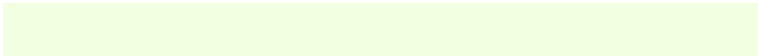
255, 202, 253

Sweetspot

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



155, 255, 197



224, 255, 237



255, 227, 155



110, 128, 118



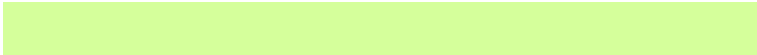
0, 0, 0



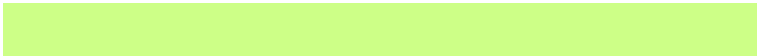
128, 128, 128

Same Dimension

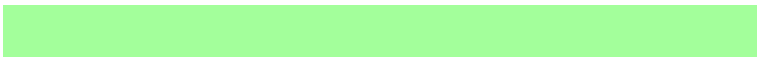
The Same Dimension uses a secret algorithm to generate beautiful new colors.



155, 255, 197



135, 255, 185



155, 255, 247



115, 128, 121



0, 191, 80



0, 64, 27

Inverse Universe

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



197, 155, 255



185, 135, 255



247, 155, 255



120, 115, 128



80, 0, 191



27, 0, 64

Previews

White Background



This preview shows how the RYB color 155, 255, 197 looks on a white background.

Color Contrast Check

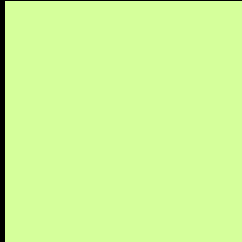
Large Text (above 18pt) WCAG AA × Fail

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 155, 255, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

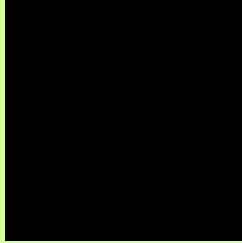
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

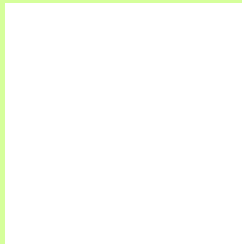
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 155, 255, 197 Background



This preview shows how black text looks on a background with the RYB color 155, 255, 197.

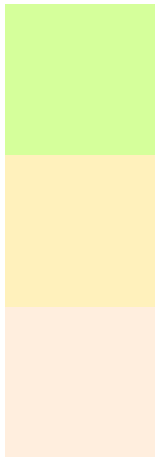


This preview shows how white text looks on a background with the RYB color 155, 255, 197.

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
155, 255, 197

Protanopia
206, 255, 188

Deuteranopia
255, 253, 222



Tritanopia
232, 239, 255

Trichromacy



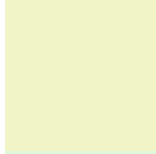
Original Color

155, 255, 197



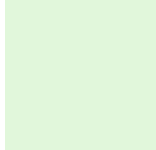
Protanomaly

176, 246, 182



Deuteranomaly

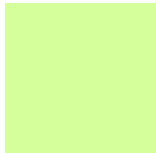
198, 244, 202



Tritanomaly

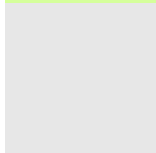
219, 247, 241

Monochromacy



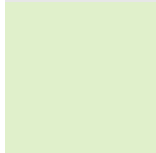
Original Color

155, 255, 197



Achromatopsia

231, 231, 231



Achromatomaly

203, 240, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 255, 197 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(213, 255, 155)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 155)  
}
```

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(213, 255, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 255, 197 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(213, 255, 155) }
```

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

```
.border{ border-color:rgb(213, 255, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 255, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 155) }
```

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

```
.background{ background-color: rgb(213,  
255, 155) }
```

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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