

Converting Colors

`RYB(155, 251, 194)`

Have a look what the booklet for
RYB(155, 251, 194) contains.

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Color

R_YB(155, 251, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D4FB9B
RGB	212, 251, 155
RGB Percent	83%, 98%, 61%
CMY	0.1686, 0.0157, 0.3922
CMYK	0.16, 0.00, 0.38, 0.02
HSL	84°, 92%, 80%
HSV	84°, 38%, 98%
XYZ	67.5650, 85.3580, 43.9250
YIQ	228.3950, 7.5720, -38.1240

Conversions

Conversions Part 2

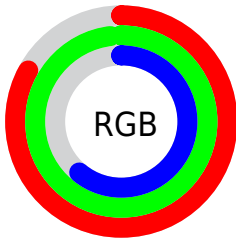
Format	Color
RYB	155, 251, 194
Decimal	13958043
CIELab	94.04, -28.06, 41.94
CIELCh	94, 50.462, 123.787
Yxy	85.3580, 0.3432, 0.4336
Android (android.graphics.Color)	4292148123 (0xFFD4FB9B)
YUV	228.3950, -36.1837, -14.3784
Hunter-Lab	92.3894, -31.1432, 36.4841

Details

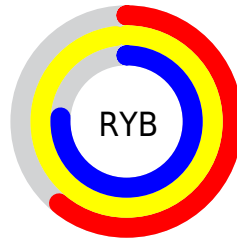
The RYB color **155, 251, 194** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **194, 155, 251**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **210, 255, 210**, and **102, 194, 140** is the 20% darker color. If you saturate the color by 10%, you get **130, 251, 179**, and if you desaturate by 10%, it is **180, 251, 209**.

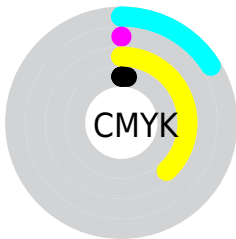
Distribution



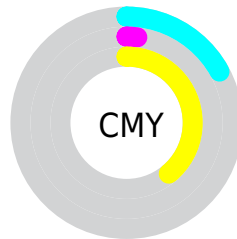
- Red (83%)
- Green (98%)
- Blue (61%)



- Red (61%)
- Yellow (98%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (38%)
- Black (2%)



- Cyan (17%)
- Magenta (2%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 251, 194 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, 251, 194 by changing the saturation by 10% instead.

 155, 251, 194

255, 255, 255


 210, 255, 210


 239, 255, 239

 155, 251, 194

 128, 222, 166

 102, 194, 140

 77, 167, 115

 52, 141, 90

 26, 115, 64

 0, 90, 39

 0, 66, 39

 0, 44, 44

 0, 23, 23

■ 155, 251, 194

■ 155, 251, 194

■ 130, 251, 179

■ 180, 251, 209

■ 105, 251, 164

■ 205, 251, 224

■ 80, 251, 150

■ 230, 251, 238

■ 55, 251, 135

■ 253, 251, 255

■ 30, 251, 120

■ 255, 251, 255

■ 4, 251, 104

■ 0, 251, 102

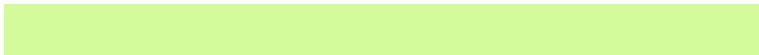
Harmonies

Analogous

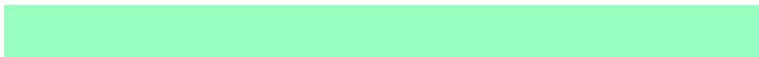
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160, 255, 139



155, 251, 194



152, 226, 255

Triad

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



155, 251, 194



81, 168, 255



255, 199, 233

Complementary

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



155, 251, 194



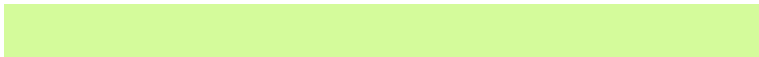
194, 155, 251

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, 207, 255



155, 251, 194



176, 212, 255

Square

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



155, 251, 194



0, 128, 255



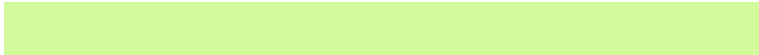
251, 223, 255



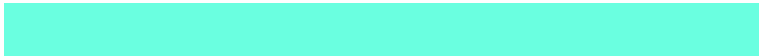
255, 212, 186

Rectangle

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



155, 251, 194



106, 189, 255



251, 223, 255



255, 200, 250

Sweetspot

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



155, 251, 194



227, 255, 238



251, 218, 155



111, 128, 118



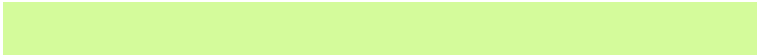
0, 0, 0



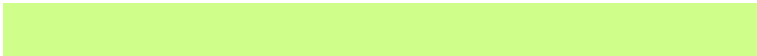
128, 128, 128

Same Dimension

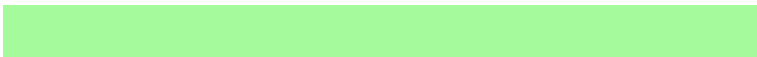
The Same Dimension uses a secret algorithm to generate beautiful new colors.



155, 251, 194



138, 255, 186



155, 251, 241



112, 125, 117



0, 189, 77



0, 61, 25

Inverse Universe

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



194, 155, 251



185, 138, 255



241, 155, 251



118, 112, 125



77, 0, 189



25, 0, 61

Previews

White Background



This preview shows how the RYB color 155, 251, 194 looks on a white background.

Color Contrast Check

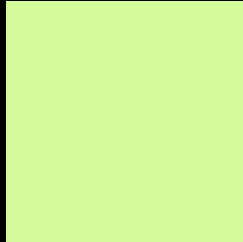
Large Text (above 18pt) WCAG AA × Fail

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, 251, 194 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

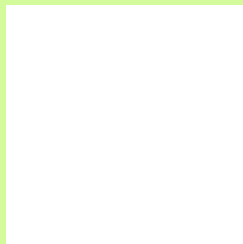
Any Text WCAG AAA ✓ Pass

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

RYB 155, 251, 194 Background



This preview shows how black text looks on a background with the RYB color 155, 251, 194.

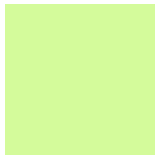




This preview shows how white text looks on a background with the RYB color 155, 251, 194.

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, 251, 194
	Protanopia 192, 255, 169
	Deuteranopia 255, 253, 214



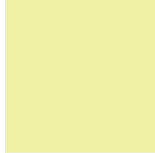
Tritanopia
228, 235, 255

Trichromacy



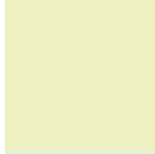
Original Color

155, 251, 194



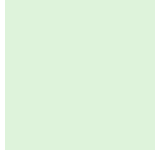
Protanomaly

164, 242, 167



Deuteranomaly

193, 240, 194



Tritanomaly

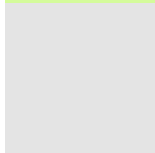
219, 243, 240

Monochromacy



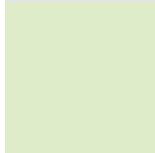
Original Color

155, 251, 194



Achromatopsia

228, 228, 228



Achromatomaly

201, 236, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 251, 212 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(212, 251, 155)` looks like.

```
.text, #text, p{  
    color:rgb(212, 251, 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(212, 251, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 251, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 251, 194 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(212, 251, 155) }
```

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

```
.border{ border-color:rgb(212, 251, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 251, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 251, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 251, 155); box-shadow:4px 4px 4px 4px rgb(212, 251, 155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 251, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 251, 155) }
```

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

```
.background{ background-color: rgb(212,  
251, 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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