

Converting Colors

`RYB(135, 247, 250)`

Have a look what the booklet for
RYB(135, 247, 250) contains.

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Color

R_YB(135, 247, 250)

Conversions

Conversions Part 1

Format	Color
Hex	87FA8A
RGB	135, 250, 138
RGB Percent	53%, 98%, 54%
CMY	0.4706, 0.0196, 0.4585
CMYK	0.46, 0.00, 0.45, 0.02
HSL	122°, 92%, 75%
HSV	122°, 46%, 98%
XYZ	48.7705, 75.3594, 36.0506
YIQ	202.8470, -32.5880, -59.2120

Conversions

Conversions Part 2

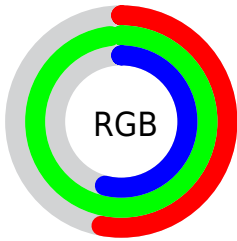
Format	Color
RYB	135, 247, 250
Decimal	8911498
CIELab	89.56, -54.71, 43.64
CIElCh	90, 69.986, 141.423
Yxy	75.3594, 0.3045, 0.4705
Android (android.graphics.Color)	4287101578 (0xFF87FA8A)
YUV	202.8470, -31.9696, -59.5018
Hunter-Lab	86.8098, -51.6342, 36.1447

Details

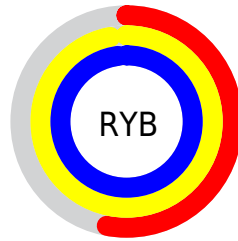
The RYB color **135, 247, 250** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **250, 135, 247**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **193, 255, 254**, and **75, 183, 193** is the 20% darker color. If you saturate the color by 10%, you get **110, 246, 250**, and if you desaturate by 10%, it is **160, 248, 250**.

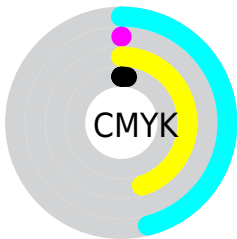
Distribution



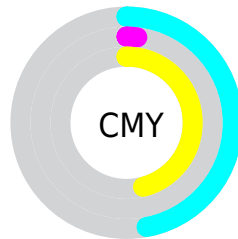
- Red (53%)
- Green (98%)
- Blue (54%)



- Red (53%)
- Yellow (97%)
- Blue (98%)



- Cyan (46%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (47%)
- Magenta (2%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 247, 250 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 135, 247, 250 by changing the saturation by 10% instead.

 135, 247, 250

255, 255, 255


 193, 255, 254

 221, 255, 253


 250, 255, 252

 135, 247, 250


 106, 215, 221

 75, 183, 193


 40, 148, 165

 0, 111, 138

 0, 109, 111

 0, 86, 86

 0, 61, 61

 0, 39, 39

 0, 0, 0

 135, 247, 250

 135, 247, 250

 110, 246, 250

 160, 248, 250

 85, 246, 250

 185, 248, 250

 60, 245, 250

 210, 249, 250

 35, 244, 250

 235, 250, 250

 10, 244, 250

 255, 250, 255

 0, 243, 250

Harmonies

Analogous

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



93, 236, 113



135, 247, 250



0, 142, 255

Triad

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



135, 247, 250



0, 123, 255



255, 169, 180

Complementary

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



135, 247, 250



250, 135, 247

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, 168, 247



135, 247, 250



196, 210, 255

Square

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



135, 247, 250



0, 127, 255



255, 188, 255



253, 255, 122

Rectangle

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



135, 247, 250



0, 129, 255



255, 188, 255



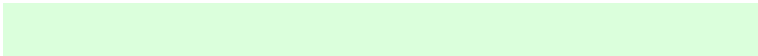
255, 166, 202

Sweetspot

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



135, 247, 250



219, 254, 255



135, 250, 137



106, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 247, 250



115, 251, 255



135, 211, 250



112, 124, 125



0, 184, 189



0, 59, 61

Inverse Universe

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



250, 135, 247



255, 115, 251



250, 135, 191



125, 112, 125



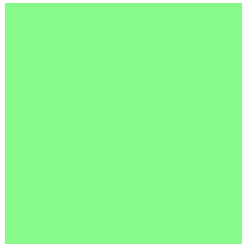
189, 0, 184



61, 0, 60

Previews

White Background



This preview shows how the RYB color 135, 247, 250 looks on a white background.

Color Contrast Check

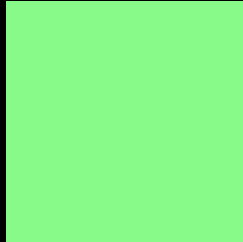
Large Text (above 18pt) WCAG AA × Fail

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 135, 247, 250 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

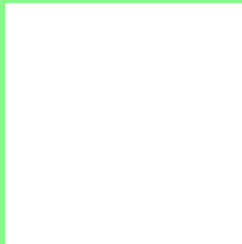
Any Text WCAG AAA ✓ Pass

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

RYB 135, 247, 250 Background



This preview shows how black text looks on a background with the RYB color 135, 247, 250.

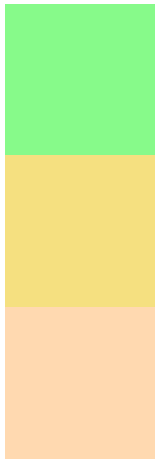


This preview shows how white text looks on a background with the RYB color 135, 247, 250.

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
135, 247, 250

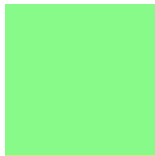
Protanopia
154, 245, 128

Deuteranopia
249, 255, 176



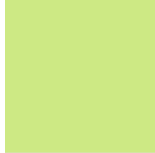
Tritanopia
161, 203, 255

Trichromacy



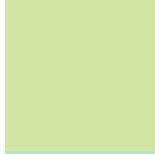
Original Color

135, 247, 250



Protanomaly

132, 233, 160



Deuteranomaly

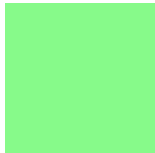
162, 229, 180



Tritanomaly

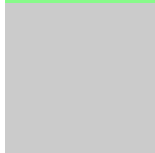
152, 205, 241

Monochromacy



Original Color

135, 247, 250



Achromatopsia

203, 203, 203



Achromatomaly

178, 219, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 247, 250 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(135, 250, 138)` looks like.

```
.text, #text, p{  
    color:rgb(135, 250, 138)  
}
```

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(135, 250, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 250, 138) }
```

Border

The CSS property to change the border of an element to RYB 135, 247, 250 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(135, 250, 138) }
```

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

```
.border{ border-color:rgb(135, 250, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 250, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 250, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 250, 138); box-shadow:4px 4px 4px 4px rgb(135, 250, 138) }
```

Background

The CSS property to change the background color of an element to RYB 135, 247, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 250, 138) }
```

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

```
.background{ background-color: rgb(135,  
250, 138) }
```

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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