

Converting Colors

`RYB(134, 247, 150)`

Have a look what the booklet for
RYB(134, 247, 150) contains.

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Color

R_YB(134, 247, 150)

Conversions

Conversions Part 1

Format	Color
Hex	E7F786
RGB	231, 247, 134
RGB Percent	91%, 97%, 53%
CMY	0.0941, 0.0314, 0.4745
CMYK	0.06, 0.00, 0.46, 0.03
HSL	68°, 88%, 75%
HSV	68°, 46%, 97%
XYZ	70.5188, 85.2317, 35.2889
YIQ	229.3340, 26.7370, -38.5350

Conversions

Conversions Part 2

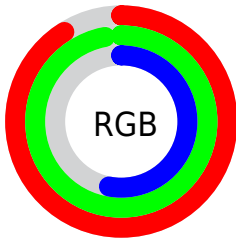
Format	Color
RYB	134, 247, 150
Decimal	15202182
CIELab	93.98, -21.42, 52.25
CIELCh	94, 56.466, 112.291
Yxy	85.2317, 0.3691, 0.4461
Android (android.graphics.Color)	4293392262 (0xFFE7F786)
YUV	229.3340, -46.9997, 1.4611
Hunter-Lab	92.3210, -25.2156, 41.9616

Details

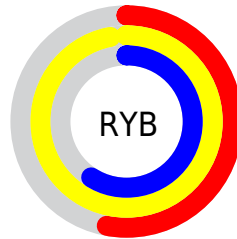
The RYB color **134, 247, 150** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **150, 134, 247**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **189, 255, 189**, and **81, 191, 98** is the 20% darker color. If you saturate the color by 10%, you get **109, 247, 128**, and if you desaturate by 10%, it is **159, 247, 172**.

Distribution



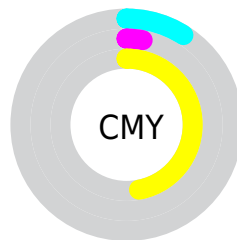
- Red (91%)
- Green (97%)
- Blue (53%)



- Red (53%)
- Yellow (97%)
- Blue (59%)



- Cyan (6%)
- Magenta (0%)
- Yellow (46%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 247, 150 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 134, 247, 150 by changing the saturation by 10% instead.

 134, 247, 150

255, 255, 255


 189, 255, 189

 218, 255, 218

 247, 255, 247


 134, 247, 150


 107, 219, 124

 81, 191, 98

 55, 164, 73

 26, 137, 44

 0, 112, 20

 0, 87, 21

 0, 64, 23

 0, 42, 28

 0, 22, 22

134, 247, 150

134, 247, 150

109, 247, 128

159, 247, 172

85, 247, 108

183, 247, 192

60, 247, 86

208, 247, 214

35, 247, 65

233, 247, 235

11, 247, 44

248, 247, 255

0, 247, 35

252, 247, 255

255, 247, 255

Harmonies

Analogous

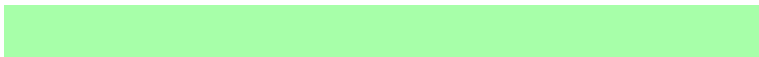
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159, 255, 128



134, 247, 150



167, 253, 255

Triad

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



134, 247, 150



0, 128, 255



255, 195, 254

Complementary

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



134, 247, 150



150, 134, 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, 208, 255



134, 247, 150



119, 185, 255

Square

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



134, 247, 150



0, 128, 255



222, 228, 255



255, 196, 199

Rectangle

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



134, 247, 150



115, 201, 255



222, 228, 255



255, 198, 255

Sweetspot

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



134, 247, 150



219, 255, 224



247, 151, 134



106, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



134, 247, 150



115, 255, 135



134, 247, 206



110, 122, 111



0, 186, 26



0, 59, 9

Inverse Universe

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



150, 134, 247



135, 115, 255



206, 134, 247



112, 110, 122



26, 0, 186



8, 0, 59

Previews

White Background



This preview shows how the RYB color 134, 247, 150 looks on a white background.

Color Contrast Check

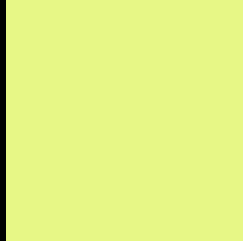
Large Text (above 18pt) WCAG AA × Fail

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 134, 247, 150 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 134, 247, 150 Background



This preview shows how black text looks on a background with the RYB color 134, 247, 150.

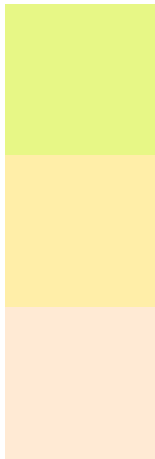


This preview shows how white text looks on a background with the RYB color 134, 247, 150.

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
134, 247, 150

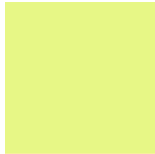
Protanopia
189, 255, 168

Deuteranopia
253, 255, 212



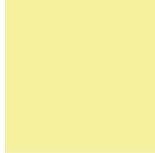
Tritanopia
245, 234, 252

Trichromacy



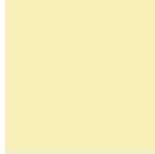
Original Color

134, 247, 150



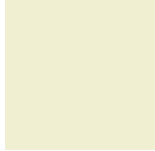
Protanomaly

161, 246, 156



Deuteranomaly

192, 246, 184



Tritanomaly

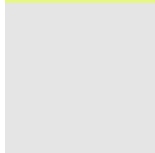
210, 240, 209

Monochromacy



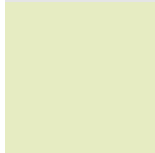
Original Color

134, 247, 150



Achromatopsia

229, 229, 229



Achromatomaly

194, 236, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 247, 150 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(231, 247, 134)` looks like.

```
.text, #text, p{  
    color:rgb(231, 247, 134)  
}
```

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(231, 247, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 247, 134) }
```

Border

The CSS property to change the border of an element to RYB 134, 247, 150 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(231, 247, 134) }
```

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

```
.border{ border-color:rgb(231, 247, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 247, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 247, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 247, 134);  
box-shadow:4px 4px 4px 4px rgb(231, 247,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 231, 247, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 247, 134) }
```

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

```
.background{ background-color: rgb(231,  
247, 134) }
```

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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