

Converting Colors

`RYB(123, 247, 145)`

Have a look what the booklet for
RYB(123, 247, 145) contains.

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Color

R_YB(123, 247, 145)

Conversions

Conversions Part 1

Format	Color
Hex	E1F77B
RGB	225, 247, 123
RGB Percent	88%, 97%, 48%
CMY	0.1176, 0.0314, 0.5176
CMYK	0.09, 0.00, 0.50, 0.03
HSL	71°, 89%, 73%
HSV	71°, 50%, 97%
XYZ	67.8873, 83.9591, 31.3666
YIQ	226.2860, 26.6920, -43.2280

Conversions

Conversions Part 2

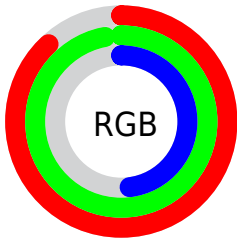
Format	Color
RYB	123, 247, 145
Decimal	14808955
CIELab	93.43, -24.75, 56.59
CIELCh	93, 61.764, 113.622
Yxy	83.9591, 0.3705, 0.4583
Android (android.graphics.Color)	4292999035 (0xFFE1F77B)
YUV	226.2860, -50.9200, -1.1278
Hunter-Lab	91.6292, -28.1021, 43.8443

Details

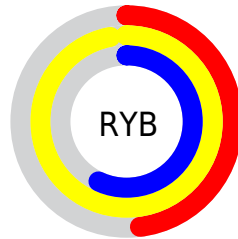
The RYB color **123, 247, 145** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **145, 123, 247**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **178, 255, 178**, and **69, 191, 92** is the 20% darker color. If you saturate the color by 10%, you get **98, 247, 124**, and if you desaturate by 10%, it is **148, 247, 166**.

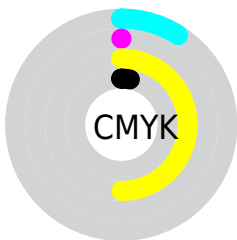
Distribution



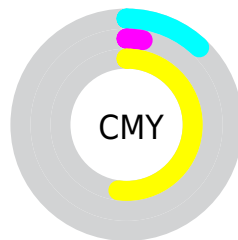
- Red (88%)
- Green (97%)
- Blue (48%)



- Red (48%)
- Yellow (97%)
- Blue (57%)



- Cyan (9%)
- Magenta (0%)
- Yellow (50%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 247, 145 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 123, 247, 145 by changing the saturation by 10% instead.

 123, 247, 145

255, 255, 255


 178, 255, 178


 206, 255, 206


 235, 255, 235


 123, 247, 145


 96, 219, 119

 69, 191, 92

 42, 164, 66

 4, 137, 29

 0, 112, 26

 0, 87, 27

 0, 64, 31

 0, 42, 38

 0, 20, 20

 123, 247, 145

 123, 247, 145

 98, 247, 124

 148, 247, 166

 74, 247, 105

 172, 247, 185

 49, 247, 84

 197, 247, 206

 24, 247, 64

 222, 247, 226

 0, 247, 44

 247, 247, 247

 251, 247, 255

 255, 247, 255

Harmonies

Analogous

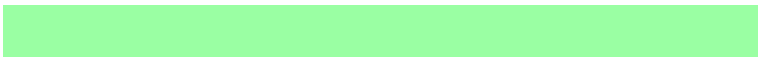
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



148, 255, 115



123, 247, 145



154, 247, 255

Triad

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



123, 247, 145



0, 128, 255



255, 188, 251

Complementary

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



123, 247, 145



145, 123, 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, 203, 255



123, 247, 145



98, 174, 255

Square

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



123, 247, 145



0, 128, 255



221, 225, 255



255, 190, 192

Rectangle

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



123, 247, 145



88, 188, 255



221, 225, 255



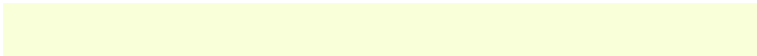
255, 191, 255

Sweetspot

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



123, 247, 145



217, 255, 224



247, 148, 123



105, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



123, 247, 145



102, 255, 129



123, 247, 206



110, 122, 112



0, 186, 33



0, 59, 11

Inverse Universe

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



145, 123, 247



129, 102, 255



206, 123, 247



112, 110, 122



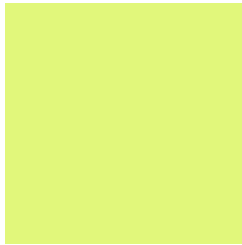
33, 0, 186



10, 0, 59

Previews

White Background



This preview shows how the RYB color 123, 247, 145 looks on a white background.

Color Contrast Check

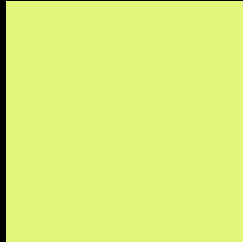
Large Text (above 18pt) WCAG AA × Fail

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 123, 247, 145 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 123, 247, 145 Background



This preview shows how black text looks on a background with the RYB color 123, 247, 145.

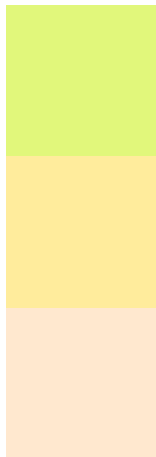


This preview shows how white text looks on a background with the RYB color 123, 247, 145.

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 123, 247, 145
	Protanopia 180, 255, 156
	Deuteranopia 251, 255, 207



Tritanopia

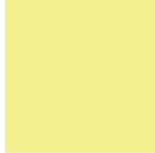
240, 233, 251

Trichromacy



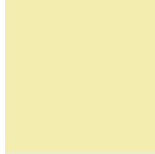
Original Color

123, 247, 145



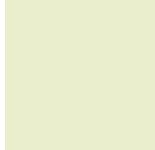
Protanomaly

148, 244, 144



Deuteranomaly

184, 244, 176



Tritanomaly

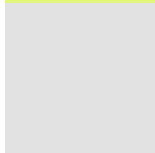
204, 238, 207

Monochromacy



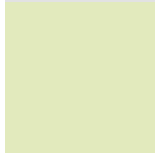
Original Color

123, 247, 145



Achromatopsia

226, 226, 226



Achromatomaly

189, 234, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 247, 145 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(225, 247, 123)` looks like.

```
.text, #text, p{  
    color:rgb(225, 247, 123)  
}
```

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(225, 247, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 247, 123) }
```

Border

The CSS property to change the border of an element to RYB 123, 247, 145 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(225, 247, 123) }
```

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

```
.border{ border-color:rgb(225, 247, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 247, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 247, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 247, 123); box-shadow:4px 4px 4px 4px rgb(225, 247, 123) }
```

Background

The CSS property to change the background color of an element to RYB 123, 247, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 247, 123) }
```

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

```
.background{ background-color: rgb(225,  
247, 123) }
```

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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