

Converting Colors

`RYB(147, 247, 160)`

Have a look what the booklet for
RYB(147, 247, 160) contains.

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Color

R_YB(147, 247, 160)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EA793 |
| RGB | 234, 247, 147 |
| RGB Percent | 92%, 97%, 58% |
| CMY | 0.0824, 0.0314, 0.4235 |
| CMYK | 0.05, 0.00, 0.40, 0.03 |
| HSL | 68°, 86%, 77% |
| HSV | 68°, 40%, 97% |
| XYZ | 72.4589, 86.1205, 40.4077 |
| YIQ | 231.7130, 24.3520, -33.8560 |

Conversions

Conversions Part 2

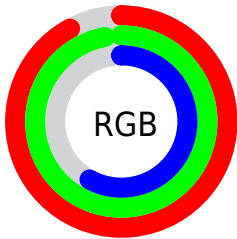
| Format | Color |
|--|---|
| RYB | 147, 247, 160 |
| Decimal | 15398803 |
| CIELab | 94.36, -18.95, 46.56 |
| CIElCh | 94, 50.265, 112.144 |
| Yxy | 86.1205, 0.3641, 0.4328 |
| Android (android.graphics.Color) | 4293588883 (0xFFEAF793) |
| YUV | 231.7130, -41.7635, 2.0057 |
| Hunter-Lab | 92.8012, -23.0297, 39.1446 |

Details

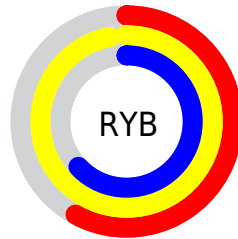
The RYB color **147, 247, 160** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **160, 147, 247**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **202, 255, 202**, and **94, 191, 108** is the 20% darker color. If you saturate the color by 10%, you get **122, 247, 138**, and if you desaturate by 10%, it is **172, 247, 182**.

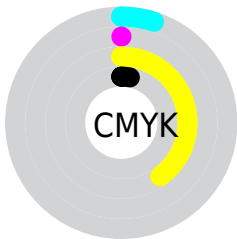
Distribution



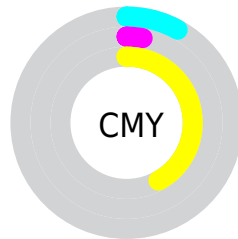
- Red (92%)
- Green (97%)
- Blue (58%)



- Red (58%)
- Yellow (97%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 247, 160 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 147, 247, 160 by changing the saturation by 10% instead.

 147, 247, 160


255, 255, 255

 202, 255, 202

 231, 255, 231

 147, 247, 160


 120, 219, 134

 94, 191, 108

 69, 164, 84

 43, 137, 58

 14, 112, 30

 0, 88, 18

 0, 64, 18

 0, 42, 22

 0, 24, 24

 147, 247, 160

 147, 247, 160

 122, 247, 138

 172, 247, 182

 98, 247, 117

 196, 247, 203

 73, 247, 96

 221, 247, 224

 48, 247, 74

 246, 247, 246

 23, 247, 52

 250, 247, 255

 0, 247, 32

 253, 247, 255

 255, 247, 255

Harmonies

Analogous

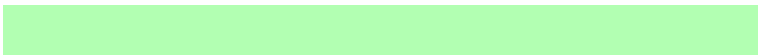
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171, 255, 142



147, 247, 160



178, 255, 255

Triad

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



147, 247, 160



39, 147, 255



255, 202, 254

Complementary

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



147, 247, 160



160, 147, 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, 213, 255



147, 247, 160



143, 197, 255

Square

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



147, 247, 160



7, 131, 255



226, 230, 255



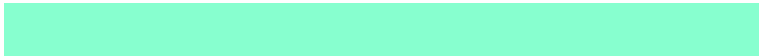
255, 203, 205

Rectangle

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



147, 247, 160



135, 210, 255



226, 230, 255



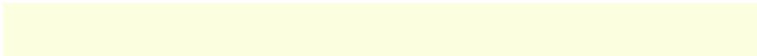
255, 205, 255

Sweetspot

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



147, 247, 160



224, 255, 228



247, 161, 147



110, 128, 113



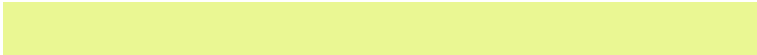
0, 0, 0



128, 128, 128

Same Dimension

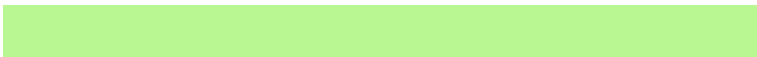
The Same Dimension uses a secret algorithm to generate beautiful new colors.



147, 247, 160



130, 255, 146



147, 247, 209



110, 122, 111



0, 186, 24



0, 59, 8

Inverse Universe

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



160, 147, 247



146, 130, 255



209, 147, 247



112, 110, 122



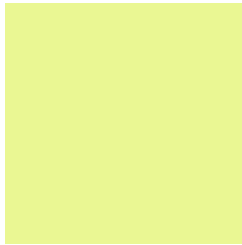
24, 0, 186



8, 0, 59

Previews

White Background



This preview shows how the RYB color 147, 247, 160 looks on a white background.

Color Contrast Check

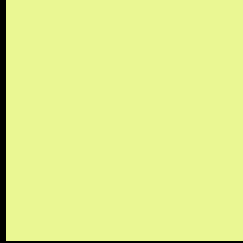
Large Text (above 18pt) WCAG AA × Fail

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 147, 247, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

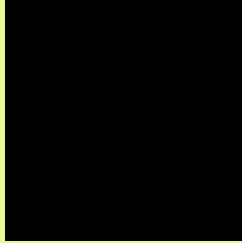
Any Text WCAG AA ✓ Pass

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](#).

R Y B 147, 247, 160 Background



This preview shows how black text looks on a background with the RYB color 147, 247, 160.

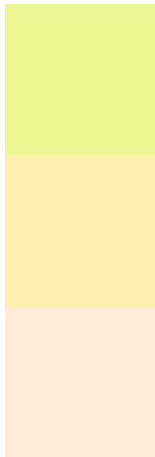


This preview shows how white text looks on a background with the RYB color 147, 247, 160.

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
147, 247, 160

Protanopia
196, 255, 176

Deuteranopia
255, 253, 216



Tritanopia

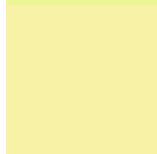
247, 234, 253

Trichromacy



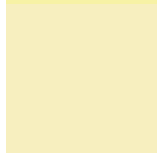
Original Color

147, 247, 160



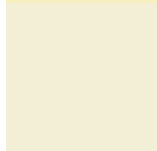
Protanomaly

170, 247, 165



Deuteranomaly

200, 247, 191



Tritanomaly

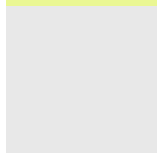
217, 242, 214

Monochromacy



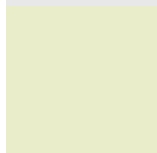
Original Color

147, 247, 160



Achromatopsia

232, 232, 232



Achromatomaly

201, 237, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 247, 160 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(234, 247, 147) looks like.

```
.text, #text, p{  
    color:rgb(234, 247, 147)  
}
```

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(234, 247, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 247, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 247, 160 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(234, 247, 147) }
```

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

```
.border{ border-color:rgb(234, 247, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 247, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 247, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 247, 147);  
box-shadow:4px 4px 4px 4px rgb(234, 247,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 247, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 247, 147) }
```

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

```
.background{ background-color: rgb(234,  
247, 147) }
```

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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