

Converting Colors

`RYB(130, 234, 140)`

Have a look what the booklet for
RYB(130, 234, 140) contains.

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Color

R_YB(130, 234, 140)

Conversions

Conversions Part 1

Format	Color
Hex	E0EA82
RGB	224, 234, 130
RGB Percent	88%, 92%, 51%
CMY	0.1216, 0.0824, 0.4902
CMYK	0.04, 0.00, 0.44, 0.08
HSL	66°, 71%, 71%
HSV	66°, 44%, 92%
XYZ	64.1926, 76.3046, 32.4641
YIQ	219.1540, 27.4240, -34.4640

Conversions

Conversions Part 2

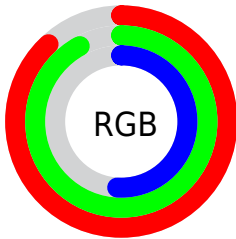
Format	Color
RYB	130, 234, 140
Decimal	14740098
CIELab	90.00, -18.21, 49.15
CIElCh	90, 52.415, 110.335
Yxy	76.3046, 0.3711, 0.4412
Android (android.graphics.Color)	4292930178 (0xFFE0EA82)
YUV	219.1540, -43.9529, 4.2499
Hunter-Lab	87.3525, -21.6930, 39.1120

Details

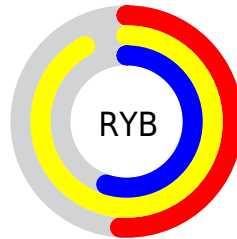
The RYB color **130, 234, 140** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **140, 130, 234**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **185, 255, 185**, and **78, 178, 89** is the 20% darker color. If you saturate the color by 10%, you get **107, 234, 119**, and if you desaturate by 10%, it is **153, 234, 161**.

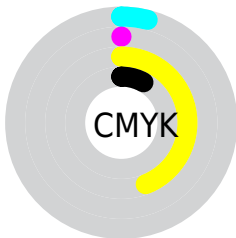
Distribution



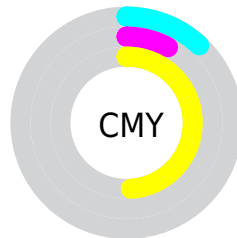
- Red (88%)
- Green (92%)
- Blue (51%)



- Red (51%)
- Yellow (92%)
- Blue (55%)



- Cyan (4%)
- Magenta (0%)
- Yellow (44%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 234, 140 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 130, 234, 140 by changing the saturation by 10% instead.

 130, 234, 140

 130, 234, 140


255, 255, 255

 104, 206, 115


 185, 255, 185


 78, 178, 89

 213, 255, 213

 52, 152, 65

 242, 255, 242

 24, 126, 37

 0, 101, 15

 0, 77, 16

 0, 54, 18

 0, 33, 25

 0, 0, 0

130, 234, 140

130, 234, 140

107, 234, 119

153, 234, 161

83, 234, 97

177, 234, 182

60, 234, 77

200, 234, 203

36, 234, 55

224, 234, 225

13, 234, 34

235, 234, 247

0, 234, 22

237, 234, 255

240, 234, 255

242, 234, 255

244, 234, 255

Harmonies

Analogous

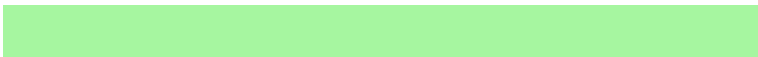
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179, 255, 127



130, 234, 140



160, 246, 240

Triad

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



130, 234, 140



0, 126, 255



255, 188, 245

Complementary

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



130, 234, 140



140, 130, 234

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, 201, 255



130, 234, 140



114, 179, 255

Square

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



130, 234, 140



0, 127, 255



207, 217, 255



255, 188, 194

Rectangle

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



130, 234, 140



120, 204, 250



207, 217, 255



255, 191, 255

Sweetspot

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



130, 234, 140



222, 255, 225



234, 140, 130



107, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



130, 234, 140



120, 255, 133



130, 234, 191



106, 117, 107



0, 181, 17



0, 54, 6

Inverse Universe

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



140, 130, 234



133, 120, 255



191, 130, 234



107, 106, 117



17, 0, 181



5, 0, 54

Previews

White Background



This preview shows how the RYB color 130, 234, 140 looks on a white background.

Color Contrast Check

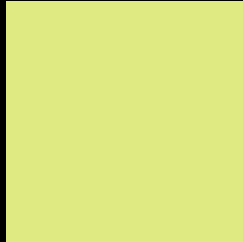
Large Text (above 18pt) WCAG AA × Fail

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 130, 234, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

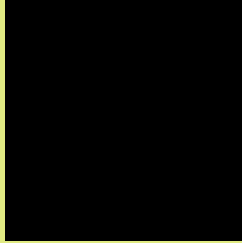
Any Text WCAG AA ✓ Pass

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 130, 234, 140 Background



This preview shows how black text looks on a background with the RYB color 130, 234, 140.

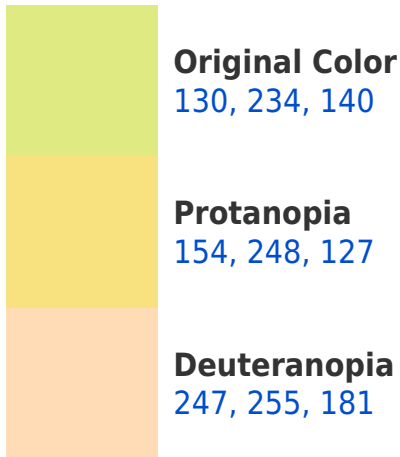


This preview shows how white text looks on a background with the RYB color 130, 234, 140.

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](#).

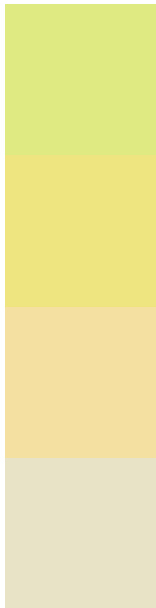
Dichromacy





Tritanopia
237, 221, 239

Trichromacy



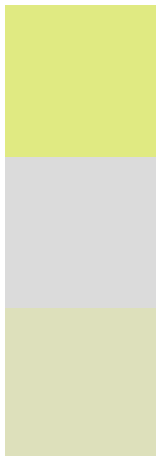
Original Color
130, 234, 140

Protanomaly
139, 239, 128

Deuteranomaly
187, 244, 162

Tritanomaly
206, 232, 199

Monochromacy



Original Color
130, 234, 140

Achromatopsia
219, 219, 219

Achromatomaly
187, 224, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 234, 140 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(224, 234, 130)` looks like.

```
.text, #text, p{  
    color:rgb(224, 234, 130)  
}
```

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(224, 234, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 234, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 234, 140 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(224, 234, 130) }
```

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

```
.border{ border-color:rgb(224, 234, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 234, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 234, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 234, 130);  
box-shadow:4px 4px 4px 4px rgb(224, 234,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 234, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 234, 130) }
```

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

```
.background{ background-color: rgb(224,  
234, 130) }
```

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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