

Converting Colors

`RYB(148, 232, 154)`

Have a look what the booklet for RYB(148, 232, 154) contains.

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Color

R_YB(148, 232, 154)

Conversions

Conversions Part 1

Format	Color
Hex	E2E894
RGB	226, 232, 148
RGB Percent	89%, 91%, 58%
CMY	0.1137, 0.0902, 0.4196
CMYK	0.03, 0.00, 0.36, 0.09
HSL	64°, 65%, 75%
HSV	64°, 36%, 91%
XYZ	65.5659, 76.0201, 39.2346
YIQ	220.6300, 23.3880, -27.3960

Conversions

Conversions Part 2

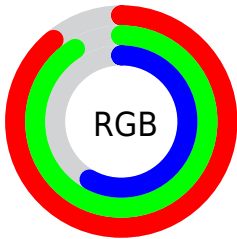
Format	Color
RYB	148, 232, 154
Decimal	14870676
CIELab	89.87, -14.54, 40.21
CIELCh	90, 42.760, 109.879
Yxy	76.0201, 0.3626, 0.4204
Android (android.graphics.Color)	4293060756 (0xFFE2E894)
YUV	220.6300, -35.8066, 4.7095
Hunter-Lab	87.1895, -18.3508, 34.3526

Details

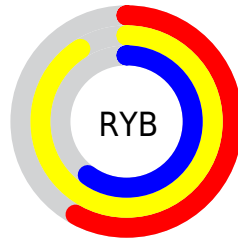
The RYB color **148, 232, 154** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **154, 148, 232**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **203, 255, 203**, and **96, 176, 103** is the 20% darker color. If you saturate the color by 10%, you get **125, 232, 133**, and if you desaturate by 10%, it is **171, 232, 175**.

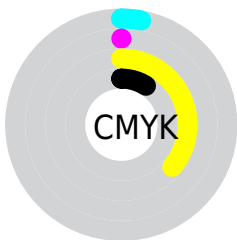
Distribution



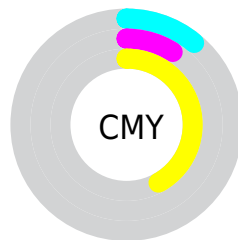
- Red (89%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 232, 154 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 148, 232, 154 by changing the saturation by 10% instead.

 148, 232, 154


255, 255, 255


 203, 255, 203

 231, 255, 231


 148, 232, 154

 122, 204, 129

 96, 176, 103


 71, 150, 79

 46, 124, 54

 21, 99, 30

 0, 75, 10

 0, 53, 12

 0, 32, 16

 0, 0, 0

 148, 232, 154

 148, 232, 154

 125, 232, 133

 171, 232, 175

 102, 232, 111

 194, 232, 197

 78, 232, 89

 218, 232, 219

 55, 232, 68

 233, 232, 241

 32, 232, 46

 234, 232, 255

 9, 232, 25

 236, 232, 255

 0, 232, 17

 238, 232, 255

 239, 232, 255

 241, 232, 255

Harmonies

Analogous

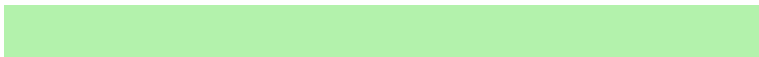
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200, 255, 146



148, 232, 154



172, 242, 235

Triad

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



148, 232, 154



88, 169, 255



255, 196, 242

Complementary

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



148, 232, 154



154, 148, 232

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, 206, 255



148, 232, 154



147, 195, 255

Square

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



148, 232, 154



83, 166, 252



211, 218, 255



255, 196, 200

Rectangle

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



148, 232, 154



146, 212, 246



211, 218, 255



255, 198, 255

Sweetspot

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



148, 232, 154



227, 255, 229



232, 154, 148



111, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



148, 232, 154



145, 255, 153



148, 232, 196



103, 115, 104



0, 179, 13



0, 51, 4

Inverse Universe

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



154, 148, 232



153, 145, 255



196, 148, 232



104, 103, 115



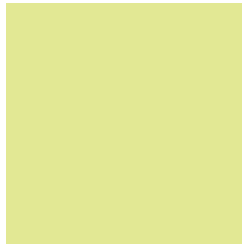
13, 0, 179



4, 0, 51

Previews

White Background



This preview shows how the RYB color 148, 232, 154 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 148, 232, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

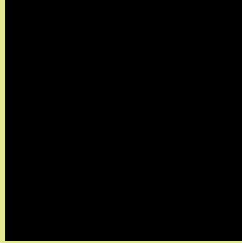
Any Text WCAG AA ✓ Pass

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 148, 232, 154 Background



This preview shows how black text looks on a background with the RYB color 148, 232, 154.

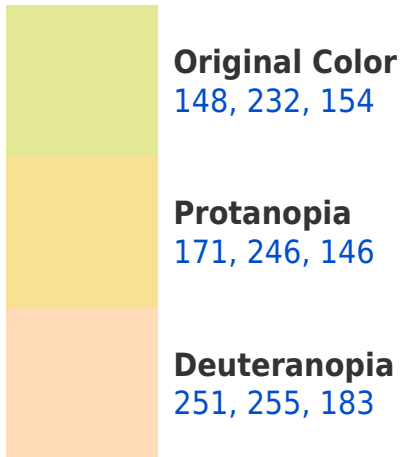


This preview shows how white text looks on a background with the RYB color 148, 232, 154.

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](#).

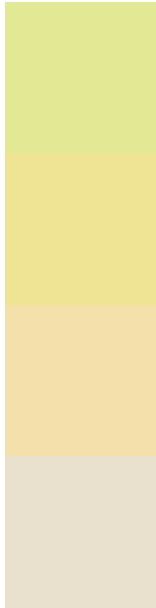
Dichromacy





Tritanopia
237, 221, 238

Trichromacy



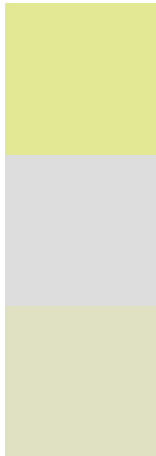
Original Color
148, 232, 154

Protanomaly
159, 239, 147

Deuteranomaly
197, 244, 170

Tritanomaly
216, 233, 205

Monochromacy



Original Color
148, 232, 154

Achromatopsia
221, 221, 221

Achromatomaly
194, 225, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 232, 154 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(226, 232, 148)` looks like.

```
.text, #text, p{  
    color:rgb(226, 232, 148)  
}
```

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(226, 232, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 232, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 232, 154 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(226, 232, 148) }
```

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

```
.border{ border-color:rgb(226, 232, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 232, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 232, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 232, 148); box-shadow:4px 4px 4px 4px rgb(226, 232, 148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 232, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 232, 148) }
```

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

```
.background{ background-color: rgb(226,  
232, 148) }
```

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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