

Converting Colors

`RYB(148, 231, 170)`

Have a look what the booklet for
RYB(148, 231, 170) contains.

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Color

R_YB(148, 231, 170)

Conversions

Conversions Part 1

Format	Color
Hex	D1E794
RGB	209, 231, 148
RGB Percent	82%, 91%, 58%
CMY	0.1804, 0.0941, 0.4196
CMYK	0.10, 0.00, 0.36, 0.09
HSL	76°, 63%, 74%
HSV	76°, 36%, 91%
XYZ	60.2157, 72.8453, 38.9038
YIQ	214.9600, 13.5310, -30.4770

Conversions

Conversions Part 2

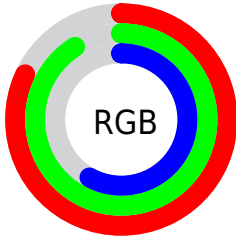
Format	Color
RYB	148, 231, 170
Decimal	13756308
CIELab	88.37, -20.46, 38.04
CIELCh	88, 43.188, 118.272
Yxy	72.8453, 0.3502, 0.4236
Android (android.graphics.Color)	4291946388 (0xFFD1E794)
YUV	214.9600, -33.0113, -5.2269
Hunter-Lab	85.3494, -23.4262, 32.7192

Details

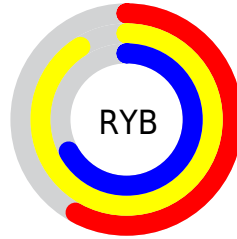
The RYB color **148, 231, 170** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **170, 148, 231**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **203, 255, 203**, and **96, 175, 118** is the 20% darker color. If you saturate the color by 10%, you get **125, 231, 153**, and if you desaturate by 10%, it is **171, 231, 187**.

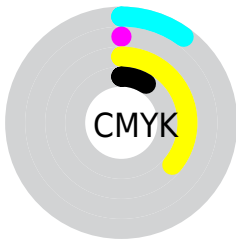
Distribution



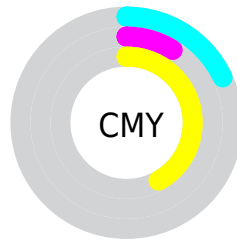
- Red (82%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 231, 170 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, 231, 170 by changing the saturation by 10% instead.

 148, 231, 170


255, 255, 255


 203, 255, 203


 231, 255, 231

 148, 231, 170

 122, 203, 144

 96, 175, 118


 71, 149, 93

 47, 123, 69

 22, 98, 45

 0, 74, 23

 0, 51, 23


 0, 31, 31

 0, 0, 0

 148, 231, 170

 148, 231, 170

 125, 231, 153

 171, 231, 187

 102, 231, 136

 194, 231, 204

 79, 231, 119

 217, 231, 221

 56, 231, 102

 233, 231, 240

 33, 231, 86

 240, 231, 255

 9, 231, 68

 246, 231, 255

 0, 231, 61

 252, 231, 255

 255, 231, 255

Harmonies

Analogous

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



188, 252, 139



148, 231, 170



161, 227, 240

Triad

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



148, 231, 170



93, 169, 255



255, 190, 226

Complementary

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



148, 231, 170



170, 148, 231

Split Complementary

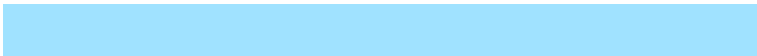
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 198, 255



148, 231, 170



160, 199, 255

Square

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



148, 231, 170



67, 158, 255



223, 212, 255



255, 194, 185

Rectangle

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



148, 231, 170



126, 196, 243



223, 212, 255



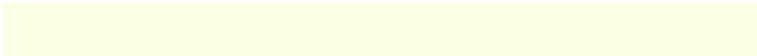
255, 192, 240

Sweetspot

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



148, 231, 170



227, 255, 234



231, 176, 148



111, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



148, 231, 170



145, 255, 174



148, 231, 210



103, 115, 106



0, 179, 48



0, 51, 14

Inverse Universe

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



170, 148, 231



174, 145, 255



210, 148, 231



106, 103, 115



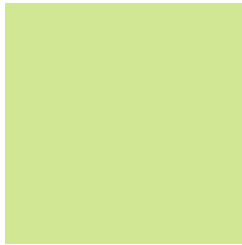
47, 0, 179



14, 0, 51

Previews

White Background



This preview shows how the RYB color 148, 231, 170 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, 231, 170 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, 231, 170 Background



This preview shows how black text looks on a background with the RYB color 148, 231, 170.

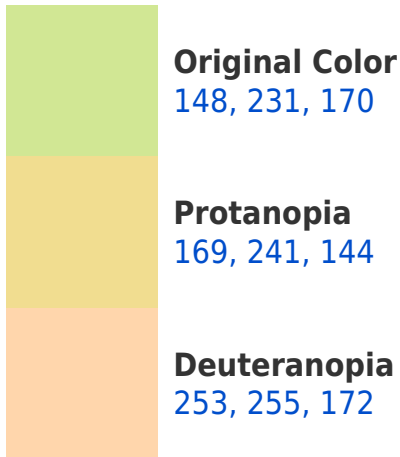


This preview shows how white text looks on a background with the RYB color 148, 231, 170.

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](#).

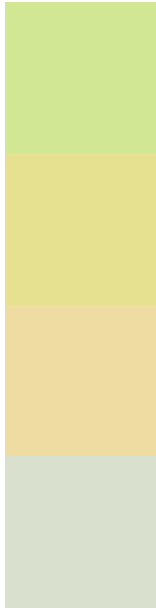
Dichromacy





Tritanopia
221, 220, 237

Trichromacy



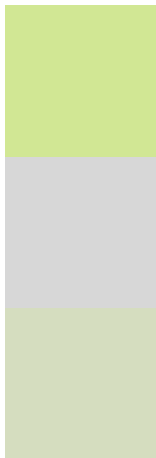
Original Color
148, 231, 170

Protanomaly
149, 229, 145

Deuteranomaly
187, 238, 163

Tritanomaly
205, 224, 212

Monochromacy



Original Color
148, 231, 170

Achromatopsia
215, 215, 215

Achromatomaly
191, 221, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 231, 170 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(209, 231, 148) looks like.

```
.text, #text, p{  
    color:rgb(209, 231, 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(209, 231, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 231, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 231, 170 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(209, 231, 148) }
```

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

```
.border{ border-color:rgb(209, 231, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 231, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 231, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 231, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 231,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 231, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 231, 148) }
```

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

```
.background{ background-color: rgb(209,  
231, 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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