

Converting Colors

`RYB(148, 224, 170)`

Have a look what the booklet for
RYB(148, 224, 170) contains.

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Color

R_YB(148, 224, 170)

Conversions

Conversions Part 1

Format	Color
Hex	CAE094
RGB	202, 224, 148
RGB Percent	79%, 88%, 58%
CMY	0.2078, 0.1216, 0.4196
CMYK	0.10, 0.00, 0.34, 0.12
HSL	77°, 55%, 73%
HSV	77°, 34%, 88%
XYZ	56.3581, 68.0060, 38.1731
YIQ	208.7580, 11.2840, -28.3000

Conversions

Conversions Part 2

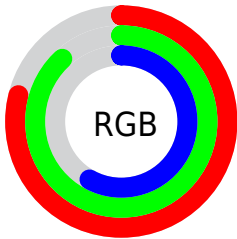
Format	Color
RYB	148, 224, 170
Decimal	13295764
CIELab	86.01, -19.64, 34.85
CIELCh	86, 40.005, 119.399
Yxy	68.0060, 0.3467, 0.4184
Android (android.graphics.Color)	4291485844 (0xFFCAE094)
YUV	208.7580, -29.9537, -5.9268
Hunter-Lab	82.4657, -22.3260, 30.2809

Details

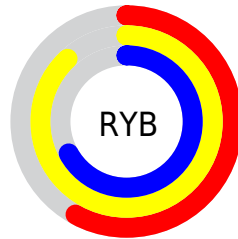
The RYB color **148, 224, 170** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170, 148, 224**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **203, 255, 203**, and **96, 169, 118** is the 20% darker color. If you saturate the color by 10%, you get **126, 224, 154**, and if you desaturate by 10%, it is **170, 224, 186**.

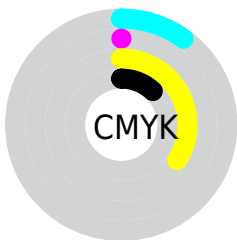
Distribution



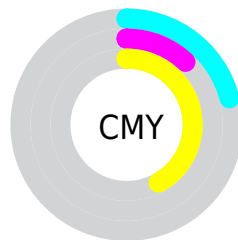
- Red (79%)
- Green (88%)
- Blue (58%)



- Red (58%)
- Yellow (88%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (34%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 224, 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, 224, 170 by changing the saturation by 10% instead.


 148, 224, 170


255, 255, 255


 203, 255, 203

 231, 255, 231

 148, 224, 170


 122, 196, 144

 96, 169, 118

 72, 142, 93

 48, 117, 70

 24, 92, 46

 0, 68, 22

 0, 46, 23

 0, 27, 27

 0, 0, 0

 148, 224, 170

 148, 224, 170

 126, 224, 154

 170, 224, 186

 103, 224, 138

 193, 224, 202

 81, 224, 122

 215, 224, 218

 58, 224, 106

 228, 224, 238

 36, 224, 90

 234, 224, 255

 14, 224, 75

 241, 224, 255

 0, 224, 65

 247, 224, 255

 254, 224, 255

 255, 224, 255

Harmonies

Analogous

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



181, 242, 139



148, 224, 170



157, 217, 232

Triad

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



148, 224, 170



105, 173, 255



255, 186, 217

Complementary

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



148, 224, 170



170, 148, 224

Split Complementary

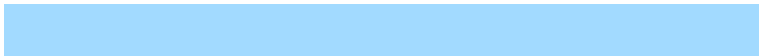
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 193, 254



148, 224, 170



162, 197, 255

Square

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



148, 224, 170



81, 162, 251



219, 206, 255



255, 190, 180

Rectangle

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



148, 224, 170



127, 191, 235



219, 206, 255



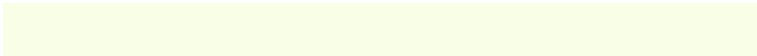
255, 188, 230

Sweetspot

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



148, 224, 170



230, 255, 237



224, 179, 148



112, 128, 117



0, 0, 0



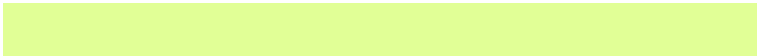
128, 128, 128

Same Dimension

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



148, 224, 170



150, 255, 180



148, 224, 208



101, 112, 104



0, 176, 51



0, 48, 14

Inverse Universe

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



170, 148, 224



181, 150, 255



208, 148, 224



104, 101, 112



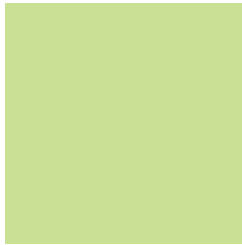
51, 0, 176



14, 0, 48

Previews

White Background



This preview shows how the RYB color 148, 224, 170 looks on a white background.

Color Contrast Check

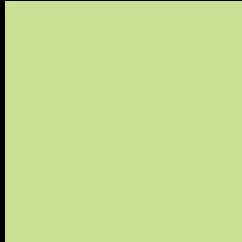
Large Text (above 18pt) WCAG AA × Fail

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, 224, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

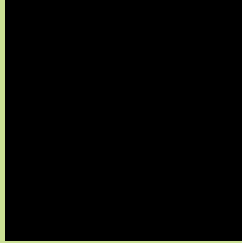
Any Text WCAG AA ✓ Pass

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](#).

R Y B 148, 224, 170 Background



This preview shows how black text looks on a background with the RYB color 148, 224, 170.

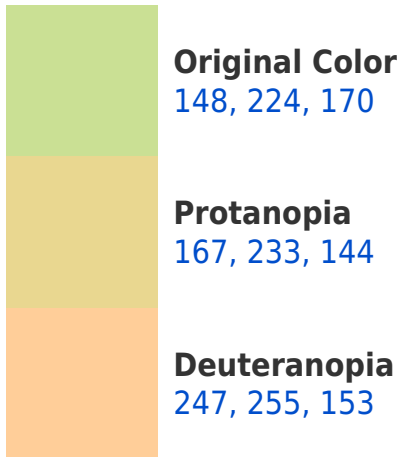


This preview shows how white text looks on a background with the RYB color 148, 224, 170.

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](#).

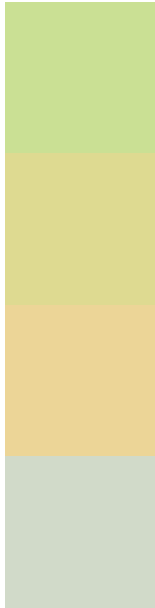
Dichromacy





Tritanopia
213, 214, 231

Trichromacy



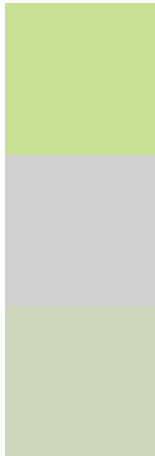
Original Color
148, 224, 170

Protanomaly
149, 222, 145

Deuteranomaly
183, 236, 151

Tritanomaly
201, 218, 210

Monochromacy



Original Color
148, 224, 170

Achromatopsia
209, 209, 209

Achromatomaly
187, 214, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 224, 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(202, 224, 148)` looks like.

```
.text, #text, p{  
    color:rgb(202, 224, 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(202, 224, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 224, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 224, 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(202, 224, 148) }
```

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

```
.border{ border-color:rgb(202, 224, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 224, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 224, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 224, 148);  
box-shadow:4px 4px 4px 4px rgb(202, 224,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 224, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 224, 148) }
```

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

```
.background{ background-color: rgb(202,  
224, 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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