

Converting Colors

`RYB(148, 217, 177)`

Have a look what the booklet for
RYB(148, 217, 177) contains.

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Color

R_YB(148, 217, 177)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BCD994 |
| RGB | 188, 217, 148 |
| RGB Percent | 74%, 85%, 58% |
| CMY | 0.2627, 0.1490, 0.4196 |
| CMYK | 0.13, 0.00, 0.32, 0.15 |
| HSL | 85°, 48%, 72% |
| HSV | 85°, 32%, 85% |
| XYZ | 50.8972, 62.4552, 37.3895 |
| YIQ | 200.4630, 4.8650, -27.6070 |

Conversions

Conversions Part 2

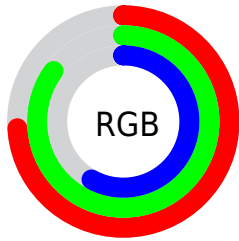
| Format | Color |
|-------------------------------------|--|
| RYB | 148, 217, 177 |
| Decimal | 12376468 |
| CIELab | 83.15, -21.36, 30.90 |
| CIElCh | 83, 37.570, 124.657 |
| Yxy | 62.4552, 0.3376, 0.4143 |
| Android (android.graphics.Color) | 4290566548 (0xFFBCD994) |
| YUV | 200.4630, -25.8643, -10.9301 |
| Hunter-Lab | 79.0286, -23.3398, 27.2691 |

Details

The RYB color **148, 217, 177** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177, 148, 217**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **203, 255, 213**, and **97, 162, 125** is the 20% darker color. If you saturate the color by 10%, you get **126, 217, 164**, and if you desaturate by 10%, it is **170, 217, 190**.

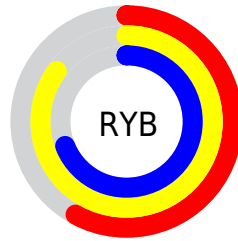
Distribution



Red (74%)

Green (85%)

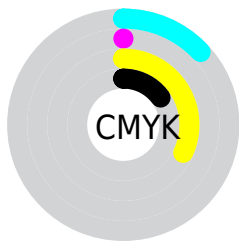
Blue (58%)



Red (58%)

Yellow (85%)

Blue (69%)

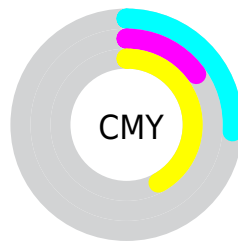


Cyan (13%)

Magenta (0%)

Yellow (32%)

Black (15%)



Cyan (26%)

Magenta (15%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 217, 177 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, 217, 177 by changing the saturation by 10% instead.


 148, 217, 177


255, 255, 255


 203, 255, 213


 231, 255, 231

 148, 217, 177


 122, 189, 150

 97, 162, 125


 72, 136, 100

 48, 110, 75

 25, 86, 53

 1, 62, 28

 0, 40, 28

 0, 19, 19

 0, 0, 0


 148, 217, 177

 148, 217, 177

 126, 217, 164

 170, 217, 190

 105, 217, 152

 191, 217, 202

 83, 217, 139

 213, 217, 215

 61, 217, 126

 224, 217, 235

 40, 217, 115

 234, 217, 255

 18, 217, 102

 243, 217, 255

 0, 217, 91

 252, 217, 255

 255, 217, 255

Harmonies

Analogous

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



160, 226, 136



148, 217, 177



146, 202, 224

Triad

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



148, 217, 177



115, 175, 255



255, 180, 203

Complementary

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



148, 217, 177



177, 148, 217

Split Complementary

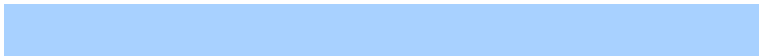
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 185, 238



148, 217, 177



168, 196, 255

Square

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



148, 217, 177



86, 160, 246



219, 196, 255



255, 187, 169

Rectangle

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



148, 217, 177



118, 180, 226



219, 196, 255



255, 181, 215

Sweetspot

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



148, 217, 177



230, 255, 241



217, 198, 148



112, 128, 119



0, 0, 0



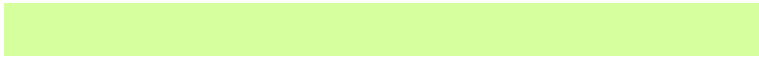
128, 128, 128

Same Dimension

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



148, 217, 177



158, 255, 199



148, 217, 211



99, 110, 104



0, 173, 72



0, 46, 19

Inverse Universe

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



177, 148, 217



199, 158, 255



211, 148, 217



103, 99, 110



73, 0, 173



19, 0, 46

Previews

White Background



This preview shows how the RYB color 148, 217, 177 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, 217, 177 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, 217, 177 Background



This preview shows how black text looks on a background with the RYB color 148, 217, 177.

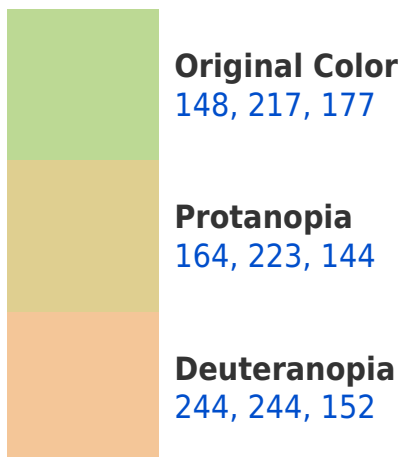


This preview shows how white text looks on a background with the RYB color 148, 217, 177.

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](#).

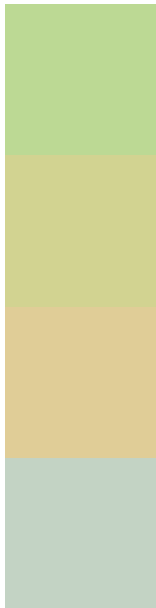
Dichromacy





Tritanopia
199, 205, 224

Trichromacy



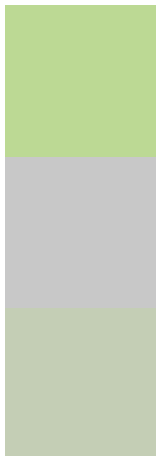
Original Color
148, 217, 177

Protanomaly
145, 211, 146

Deuteranomaly
177, 224, 151

Tritanomaly
195, 210, 211

Monochromacy



Original Color
148, 217, 177

Achromatopsia
200, 200, 200

Achromatomaly
181, 206, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 217, 177 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(148, 217, 177) looks like.

```
.text, #text, p{  
    color:rgb(148, 217, 177)  
}
```

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(188, 217, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 217, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 217, 177 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(188, 217, 148) }
```

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

```
.border{ border-color:rgb(188, 217, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 217, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 217, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 217, 148);  
box-shadow:4px 4px 4px 4px rgb(188, 217,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 217, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 217, 148) }
```

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

```
.background{ background-color: rgb(188,  
217, 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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