

Converting Colors

`RYB(151, 201, 178)`

Have a look what the booklet for
RYB(151, 201, 178) contains.

RYB(151, 201, 178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(151, 201, 178)

Conversions

Conversions Part 1

Format	Color
Hex	AEC997
RGB	174, 201, 151
RGB Percent	68%, 79%, 59%
CMY	0.3176, 0.2118, 0.4078
CMYK	0.13, 0.00, 0.25, 0.21
HSL	92°, 32%, 69%
HSV	92°, 25%, 79%
XYZ	43.9281, 53.0063, 37.1941
YIQ	187.2270, -0.0420, -21.2740

Conversions

Conversions Part 2

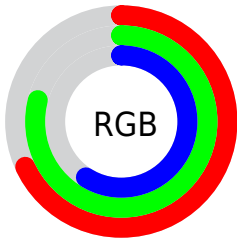
Format	Color
RYB	151, 201, 178
Decimal	11454871
CIELab	77.88, -18.07, 22.05
CIELCh	78, 28.510, 129.335
Yxy	53.0063, 0.3275, 0.3952
Android (android.graphics.Color)	4289644951 (0xFFAEC997)
YUV	187.2270, -17.8599, -11.6001
Hunter-Lab	72.8054, -19.7092, 20.6743

Details

The RYB color **151, 201, 178** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **178, 151, 201**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **205, 255, 230**, and **100, 147, 126** is the 20% darker color. If you saturate the color by 10%, you get **131, 201, 169**, and if you desaturate by 10%, it is **171, 201, 187**.

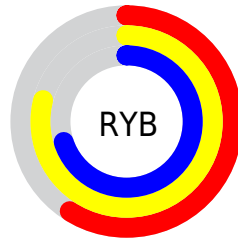
Distribution



Red (68%)

Green (79%)

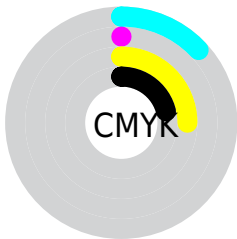
Blue (59%)



Red (59%)

Yellow (79%)

Blue (70%)

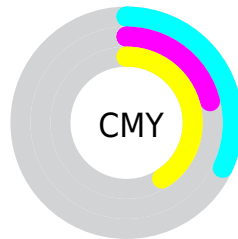


Cyan (13%)

Magenta (0%)

Yellow (25%)

Black (21%)



Cyan (32%)

Magenta (21%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 201, 178 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 151, 201, 178 by changing the saturation by 10% instead.


 151, 201, 178

255, 255, 255


 205, 255, 230

 234, 255, 234

 151, 201, 178

 125, 174, 152

 100, 147, 126

 76, 121, 101

 52, 96, 77

 30, 72, 54

 8, 50, 32


 0, 29, 29

 0, 0, 0


 151, 201, 178

 151, 201, 178

 131, 201, 169

 171, 201, 187

 111, 201, 160

 191, 201, 196

 91, 201, 151

 207, 201, 211

 71, 201, 141

 217, 201, 231

 51, 201, 132

 228, 201, 252

 30, 201, 122

 239, 201, 255

 10, 201, 113

 250, 201, 255

 0, 201, 109

 255, 201, 255

Harmonies

Analogous

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



152, 203, 140



151, 201, 178



144, 186, 206

Triad

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



151, 201, 178



136, 176, 241



246, 173, 185

Complementary

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



151, 201, 178



178, 151, 201

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.



233, 176, 212



151, 201, 178



171, 187, 244

Square

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



151, 201, 178



115, 165, 225



207, 183, 233



243, 181, 160

Rectangle

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



151, 201, 178



127, 171, 207



207, 183, 233



243, 173, 194

Sweetspot

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



151, 201, 178



237, 255, 247



194, 201, 151



117, 128, 123



0, 0, 0



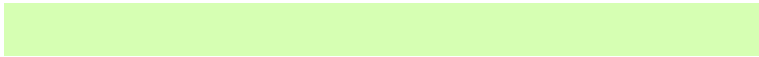
128, 128, 128

Same Dimension

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



151, 201, 178



179, 255, 220



151, 199, 201



90, 99, 95



0, 163, 88



0, 36, 20

Inverse Universe

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



178, 151, 201



220, 179, 255



201, 151, 199



95, 90, 99



88, 0, 163



19, 0, 36

Previews

White Background



This preview shows how the RYB color 151, 201, 178 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 151, 201, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

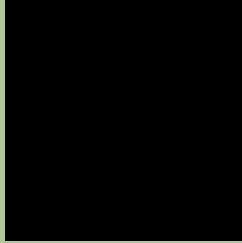
Any Text WCAG AA ✓ Pass

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 151, 201, 178 Background



This preview shows how black text looks on a background with the RYB color 151, 201, 178.

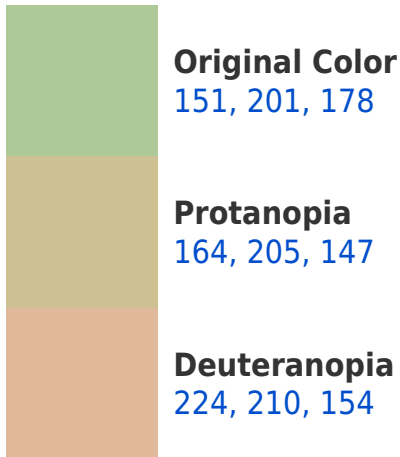


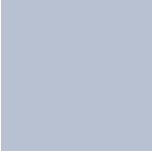
This preview shows how white text looks on a background with the RYB color 151, 201, 178.

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](#).

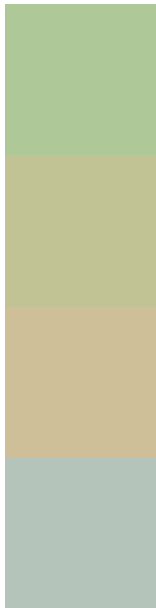
Dichromacy





Tritanopia
183, 190, 209

Trichromacy



Original Color
151, 201, 178

Protanomaly
148, 195, 149

Deuteranomaly
174, 206, 153

Tritanomaly
180, 191, 196

Monochromacy



Original Color
151, 201, 178

Achromatopsia
187, 187, 187

Achromatomaly
174, 192, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 201, 178 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(174, 201, 151)` looks like.

```
.text, #text, p{  
    color:rgb(174, 201, 151)  
}
```

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(174, 201, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 201, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 201, 178 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(174, 201, 151) }
```

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

```
.border{ border-color:rgb(174, 201, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 201, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 201, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 201, 151); box-shadow:4px 4px 4px 4px rgb(174, 201, 151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 201, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 201, 151) }
```

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

```
.background{ background-color: rgb(174,  
201, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor