

Converting Colors

`RYB(155, 199, 178)`

Have a look what the booklet for
RYB(155, 199, 178) contains.

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Color

`RYB(155, 199, 178)`

Conversions

Conversions Part 1

Format	Color
Hex	B0C79B
RGB	176, 199, 155
RGB Percent	69%, 78%, 61%
CMY	0.3098, 0.2196, 0.3922
CMYK	0.12, 0.00, 0.22, 0.22
HSL	91°, 28%, 69%
HSV	91°, 22%, 78%
XYZ	44.2443, 52.4435, 38.8010
YIQ	187.1070, 0.4160, -18.5600

Conversions

Conversions Part 2

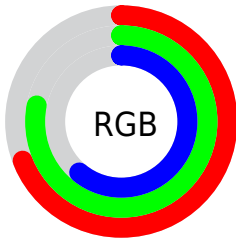
Format	Color
RYB	155, 199, 178
Decimal	11585435
CIELab	77.55, -15.71, 19.49
CIElCh	78, 25.033, 128.866
Yxy	52.4435, 0.3266, 0.3871
Android (android.graphics.Color)	4289775515 (0xFFB0C79B)
YUV	187.1070, -15.8288, -9.7408
Hunter-Lab	72.4179, -17.6753, 18.9253

Details

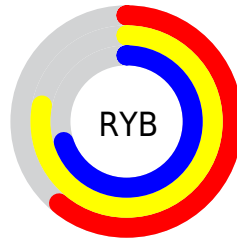
The RYB color **155, 199, 178** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178, 155, 199**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **210, 255, 233**, and **104, 145, 126** is the 20% darker color. If you saturate the color by 10%, you get **135, 199, 168**, and if you desaturate by 10%, it is **175, 199, 188**.

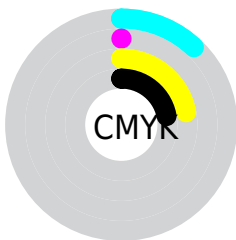
Distribution



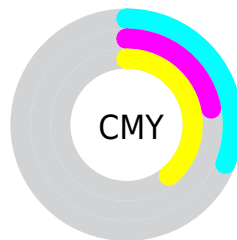
- Red (69%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 199, 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 155, 199, 178 by changing the saturation by 10% instead.

 155, 199, 178


255, 255, 255


 210, 255, 233

 238, 255, 238

 155, 199, 178

 129, 172, 152

 104, 145, 126

 79, 119, 100

 56, 95, 77

 34, 71, 55

 13, 48, 33

 0, 28, 26

 0, 0, 0

 155, 199, 178


 155, 199, 178

 135, 199, 168


 175, 199, 188


 115, 199, 159


 195, 199, 197


 95, 199, 149


 207, 199, 215

 75, 199, 140


 218, 199, 235

 55, 199, 130

 228, 199, 255

 36, 199, 121

 238, 199, 255

 16, 199, 112

 249, 199, 255

 0, 199, 104

 255, 199, 255

Harmonies

Analogous

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



158, 202, 146



155, 199, 178



150, 186, 203

Triad

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



155, 199, 178



143, 178, 234



239, 175, 185

Complementary

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



155, 199, 178



178, 155, 199

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.



227, 177, 209



155, 199, 178



173, 187, 237

Square

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



155, 199, 178



126, 168, 220



204, 183, 228



237, 181, 164

Rectangle

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



155, 199, 178



136, 175, 205



204, 183, 228



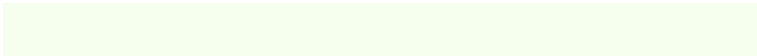
236, 175, 193

Sweetspot

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



155, 199, 178



237, 255, 246



195, 199, 155



117, 128, 123



0, 0, 0



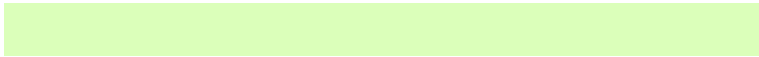
128, 128, 128

Same Dimension

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



155, 199, 178



186, 255, 222



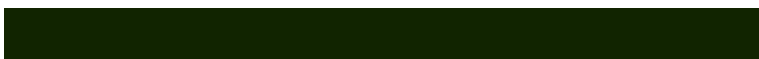
155, 198, 199



90, 99, 95



0, 163, 85



0, 36, 19

Inverse Universe

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



178, 155, 199



222, 186, 255



199, 155, 198



95, 90, 99



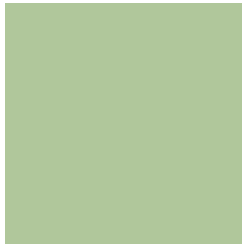
85, 0, 163



19, 0, 36

Previews

White Background



This preview shows how the RYB color 155, 199, 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 155, 199, 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

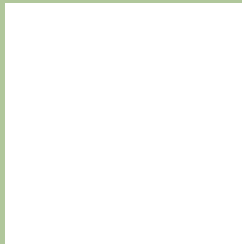
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 155, 199, 178 Background



This preview shows how black text looks on a background with the RYB color 155, 199, 178.

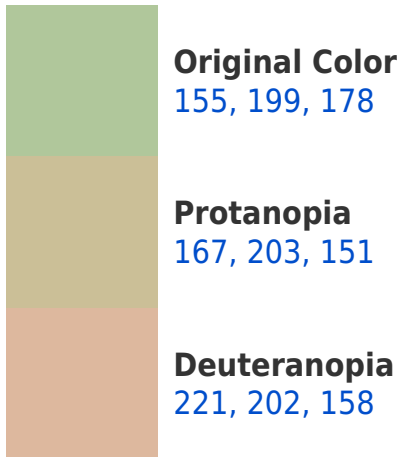


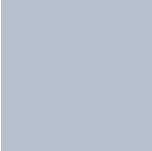
This preview shows how white text looks on a background with the RYB color 155, 199, 178.

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](#).

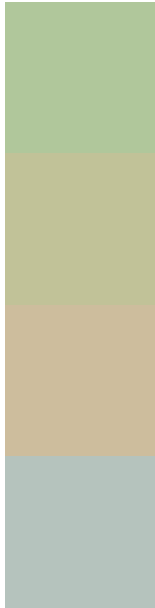
Dichromacy





Tritanopia
184, 190, 207

Trichromacy



Original Color
155, 199, 178

Protanomaly
152, 194, 153

Deuteranomaly
181, 205, 157

Tritanomaly
181, 190, 195

Monochromacy



Original Color
155, 199, 178

Achromatopsia
187, 187, 187

Achromatomaly
175, 191, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 199, 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(176, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(176, 199, 155)  
}
```

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(176, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 199, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 199, 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(176, 199, 155) }
```

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

```
.border{ border-color:rgb(176, 199, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 199, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(176, 199,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 199, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 199, 155) }
```

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

```
.background{ background-color: rgb(176,  
199, 155) }
```

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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