

Converting Colors

`RYB(171, 198, 178)`

Have a look what the booklet for
RYB(171, 198, 178) contains.

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Color

R_YB(171, 198, 178)

Conversions

Conversions Part 1

Format	Color
Hex	BFC6AB
RGB	191, 198, 171
RGB Percent	75%, 78%, 67%
CMY	0.2510, 0.2235, 0.3294
CMYK	0.04, 0.00, 0.14, 0.22
HSL	76°, 19%, 72%
HSV	76°, 14%, 78%
XYZ	49.0306, 54.4048, 46.4451
YIQ	192.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

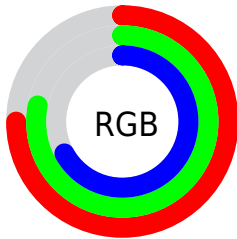
Format	Color
RYB	171, 198, 178
Decimal	12568235
CIELab	78.70, -7.18, 12.72
CIElCh	79, 14.603, 119.433
Yxy	54.4048, 0.3271, 0.3630
Android (android.graphics.Color)	4290758315 (0xFFBFC6AB)
YUV	192.8290, -10.7617, -1.6040
Hunter-Lab	73.7596, -10.4241, 14.2979

Details

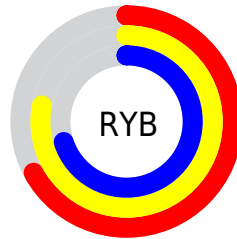
The RYB color **171, 198, 178** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178, 171, 198**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **226, 255, 234**, and **119, 144, 126** is the 20% darker color. If you saturate the color by 10%, you get **151, 198, 163**, and if you desaturate by 10%, it is **191, 198, 193**.

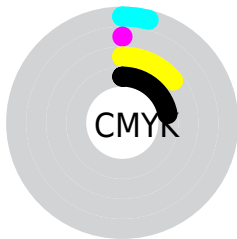
Distribution



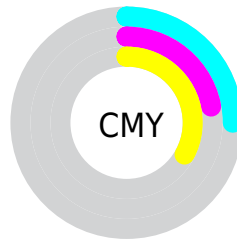
- Red (75%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 171, 198, 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 171, 198, 178 by changing the saturation by 10% instead.

 171, 198, 178


255, 255, 255

 226, 255, 234


 171, 198, 178

 144, 171, 151

 119, 144, 126

 94, 119, 101

 70, 94, 77


 48, 70, 54

 27, 48, 33

 0, 27, 4

 0, 0, 0

 171, 198, 178

 171, 198, 178

■ 151, 198, 163

■ 191, 198, 193

■ 131, 198, 148

■ 201, 198, 211

■ 112, 198, 134

■ 206, 198, 230

■ 92, 198, 120

■ 212, 198, 250

■ 72, 198, 105

■ 217, 198, 255

■ 52, 198, 90

■ 222, 198, 255

■ 32, 198, 75

■ 227, 198, 255

■ 13, 198, 61

■ 232, 198, 255

■ 0, 198, 51

■ 237, 198, 255

Harmonies

Analogous

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



186, 206, 168



171, 198, 178



176, 197, 201

Triad

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



171, 198, 178



166, 187, 218



222, 186, 195

Complementary

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



171, 198, 178



178, 171, 198

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.



212, 187, 209



171, 198, 178



180, 192, 222

Square

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



171, 198, 178



160, 182, 208



197, 191, 218



224, 186, 182

Rectangle

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



171, 198, 178



167, 189, 203



197, 191, 218



220, 186, 200

Sweetspot

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



171, 198, 178



245, 255, 248



198, 180, 171



121, 128, 123



0, 0, 0



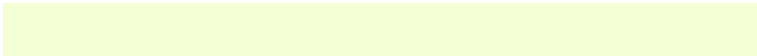
128, 128, 128

Same Dimension

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



171, 198, 178



214, 255, 225



171, 198, 191



90, 99, 92



0, 163, 42



0, 36, 10

Inverse Universe

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



178, 171, 198



225, 214, 255



191, 171, 198



92, 90, 99



42, 0, 163



9, 0, 36

Previews

White Background



This preview shows how the RYB color 171, 198, 178 looks on a white background.

Color Contrast Check

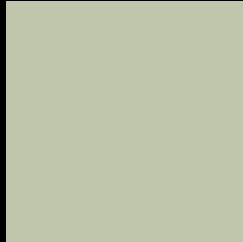
Large Text (above 18pt) WCAG AA × Fail

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 171, 198, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

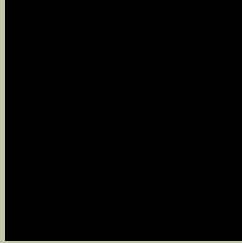
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

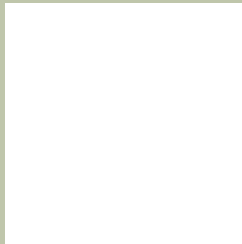
Any Text WCAG AAA ✓ Pass

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

RYB 171, 198, 178 Background



This preview shows how black text looks on a background with the RYB color 171, 198, 178.

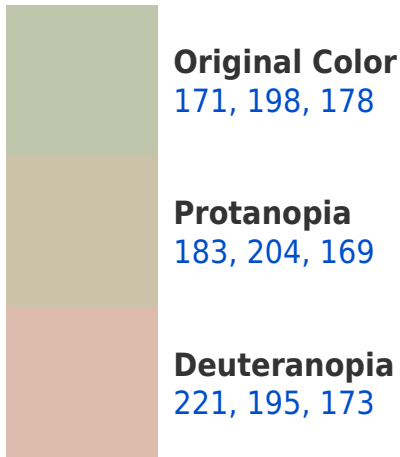



This preview shows how white text looks on a background with the RYB color 171, 198, 178.

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](#).

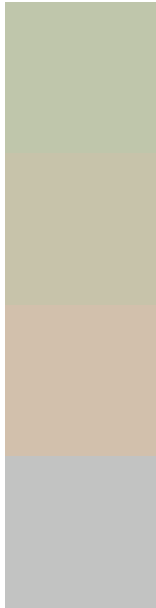
Dichromacy





Tritanopia
196, 193, 208

Trichromacy



Original Color
171, 198, 178

Protanomaly
175, 199, 170

Deuteranomaly
206, 210, 172

Tritanomaly
194, 195, 195

Monochromacy



Original Color
171, 198, 178

Achromatopsia
193, 193, 193

Achromatomaly
185, 195, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 198, 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(191, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 171)  
}
```

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(191, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 198, 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(191, 198, 171) }
```

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

```
.border{ border-color:rgb(191, 198, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 198, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 198, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 198, 171);  
box-shadow:4px 4px 4px 4px rgb(191, 198,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 198, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 171) }
```

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

```
.background{ background-color: rgb(191,  
198, 171) }
```

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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