

Converting Colors

`RYB(173, 198, 153)`

Have a look what the booklet for
RYB(173, 198, 153) contains.

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Color

R_YB(173, 198, 153)

Conversions

Conversions Part 1

Format	Color
Hex	C6B899
RGB	198, 184, 153
RGB Percent	78%, 72%, 60%
CMY	0.2235, 0.2778, 0.4000
CMYK	0.00, 0.07, 0.23, 0.22
HSL	42°, 28%, 69%
HSV	42°, 23%, 78%
XYZ	46.2109, 48.6506, 37.0919
YIQ	184.6520, 18.2950, -6.6730

Conversions

Conversions Part 2

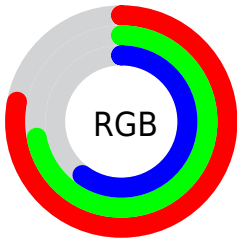
Format	Color
RYB	173, 198, 153
Decimal	13023385
CIELab	75.23, -0.09, 17.62
CIELCh	75, 17.619, 90.277
Yxy	48.6506, 0.3502, 0.3687
Android (android.graphics.Color)	4291213465 (0xFFC6B899)
YUV	184.6520, -15.6044, 11.7062
Hunter-Lab	69.7500, -3.8022, 17.2955

Details

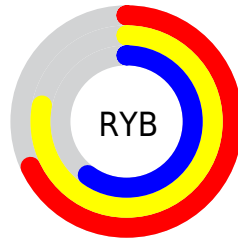
The RYB color **173, 198, 153** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **153, 164, 198**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **229, 255, 207**, and **121, 144, 102** is the 20% darker color. If you saturate the color by 10%, you get **162, 198, 133**, and if you desaturate by 10%, it is **185, 198, 173**.

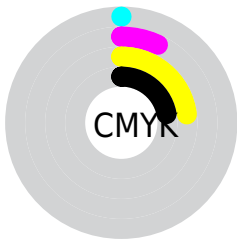
Distribution



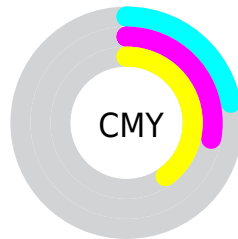
- Red (78%)
- Green (72%)
- Blue (60%)



- Red (68%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 198, 153 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 173, 198, 153 by changing the saturation by 10% instead.


 173, 198, 153


255, 255, 255

 229, 255, 207

 236, 255, 236

 173, 198, 153

 146, 170, 127

 121, 144, 102

 95, 118, 78

 70, 93, 55

 47, 69, 33

 23, 46, 11

 10, 24, 0


 0, 0, 0

 173, 198, 153


 173, 198, 153

 162, 198, 133


 185, 198, 173

 150, 198, 113

 196, 198, 193

 140, 198, 94


 198, 201, 212

 129, 198, 74

 198, 206, 232

 117, 198, 54


 198, 211, 252

 106, 198, 34

 198, 214, 255

 95, 198, 14

 198, 217, 255

 88, 198, 0

 198, 220, 255

 198, 222, 255

Harmonies

Analogous

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



212, 192, 158



173, 198, 153



157, 189, 166

Triad

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



173, 198, 153



142, 170, 201



207, 176, 202

Complementary

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



173, 198, 153



153, 164, 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.



189, 181, 213



173, 198, 153



150, 175, 213

Square

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



173, 198, 153



147, 174, 195



167, 181, 217



218, 174, 186

Rectangle

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



173, 198, 153



164, 192, 188



167, 181, 217



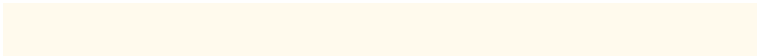
201, 178, 206

Sweetspot

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



173, 198, 153



244, 255, 237



198, 153, 167



123, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



173, 198, 153



216, 255, 186



153, 198, 161



95, 99, 90



72, 163, 0



16, 36, 0

Inverse Universe

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



153, 164, 198



186, 202, 255



161, 153, 198



90, 92, 99



0, 38, 163



0, 8, 36

Previews

White Background



This preview shows how the RYB color 173, 198, 153 looks on a white background.

Color Contrast Check

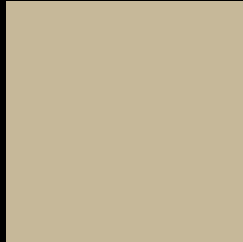
Large Text (above 18pt) WCAG AA × Fail

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 173, 198, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

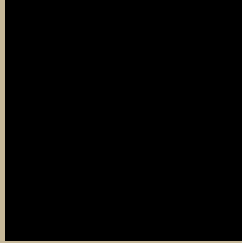
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

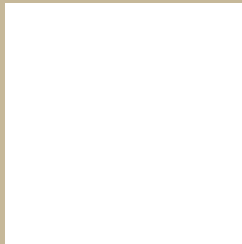
Any Text WCAG AAA ✓ Pass

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

RYB 173, 198, 153 Background



This preview shows how black text looks on a background with the RYB color 173, 198, 153.

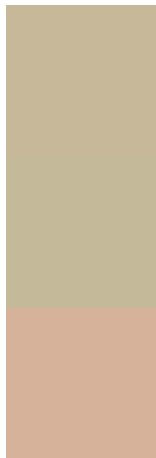


This preview shows how white text looks on a background with the RYB color 173, 198, 153.

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



Original Color
173, 198, 153

Protanopia
168, 196, 153

Deuteranopia
214, 194, 154



Tritanopia
203, 179, 193

Trichromacy



Original Color
173, 198, 153

Protanomaly
170, 197, 153

Deuteranomaly
208, 204, 154

Tritanomaly
201, 181, 178

Monochromacy



Original Color
173, 198, 153

Achromatopsia
185, 185, 185

Achromatomaly
180, 190, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 198, 153 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(198, 184, 153) looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 153)  
}
```

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(198, 184, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 153) }
```

Border

The CSS property to change the border of an element to RYB 173, 198, 153 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(198, 184, 153) }
```

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

```
.border{ border-color:rgb(198, 184, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 153);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 173, 198, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 153) }
```

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

```
.background{ background-color: rgb(198,  
184, 153) }
```

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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