

Converting Colors

`RYB(171, 200, 173)`

Have a look what the booklet for
RYB(171, 200, 173) contains.

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Color

$\text{RYB}(171, 200, 173)$

Conversions

Conversions Part 1

Format	Color
Hex	C6C8AB
RGB	198, 200, 171
RGB Percent	78%, 78%, 67%
CMY	0.2235, 0.2157, 0.3294
CMYK	0.01, 0.00, 0.15, 0.22
HSL	64°, 21%, 73%
HSV	64°, 15%, 78%
XYZ	51.2937, 56.2546, 46.6828
YIQ	196.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

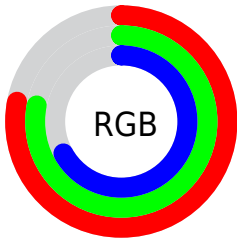
Format	Color
RYB	171, 200, 173
Decimal	13027499
CIELab	79.76, -5.67, 14.29
CIELCh	80, 15.376, 111.652
Yxy	56.2546, 0.3326, 0.3647
Android (android.graphics.Color)	4291217579 (0xFFC6C8AB)
YUV	196.0960, -12.3723, 1.6698
Hunter-Lab	75.0031, -9.1814, 15.5993

Details

The RYB color **171, 200, 173** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173, 171, 200**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **226, 255, 226**, and **119, 146, 121** is the 20% darker color. If you saturate the color by 10%, you get **151, 200, 154**, and if you desaturate by 10%, it is **191, 200, 192**.

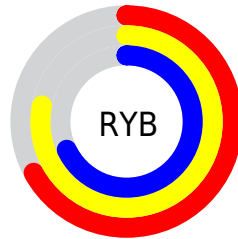
Distribution



Red (78%)

Green (78%)

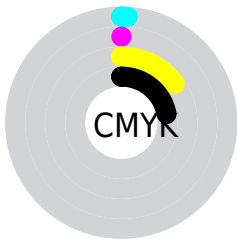
Blue (67%)



Red (67%)

Yellow (78%)

Blue (68%)

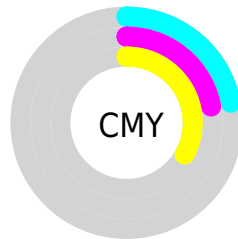


Cyan (1%)

Magenta (0%)

Yellow (15%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 200, 173 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, 200, 173 by changing the saturation by 10% instead.

 171, 200, 173


255, 255, 255

 226, 255, 226


 171, 200, 173

 144, 173, 146

 119, 146, 121

 94, 120, 96

 70, 96, 73

 48, 72, 50

 27, 50, 30

 0, 29, 2

 0, 0, 0

 171, 200, 173

 171, 200, 173

■ 151, 200, 154

■ 191, 200, 192

■ 131, 200, 136

■ 201, 200, 211

■ 111, 200, 117

■ 202, 200, 231

■ 91, 200, 99

■ 204, 200, 251

■ 71, 200, 80

■ 205, 200, 255

■ 51, 200, 61

■ 206, 200, 255

■ 31, 200, 43

■ 208, 200, 255

■ 11, 200, 24

■ 209, 200, 255

■ 0, 200, 14

■ 210, 200, 255

Harmonies

Analogous

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



201, 213, 170



171, 200, 173



180, 204, 202

Triad

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



171, 200, 173



164, 187, 220



224, 188, 202

Complementary

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



171, 200, 173



173, 171, 200

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.



213, 191, 216



171, 200, 173



177, 193, 226

Square

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



171, 200, 173



161, 184, 208



195, 195, 224



228, 188, 188

Rectangle

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



171, 200, 173



172, 194, 205



195, 195, 224



221, 189, 207

Sweetspot

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



171, 200, 173



245, 255, 246



200, 173, 171



121, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



171, 200, 173



212, 255, 215



171, 200, 187



90, 99, 90



0, 163, 11



0, 36, 3

Inverse Universe

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



173, 171, 200



215, 212, 255



187, 171, 200



90, 90, 99



11, 0, 163



2, 0, 36

Previews

White Background



This preview shows how the RYB color 171, 200, 173 looks on a white background.

Color Contrast Check

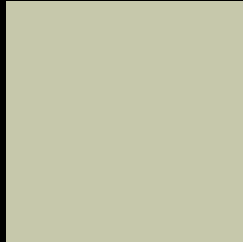
Large Text (above 18pt) WCAG AA × Fail

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, 200, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

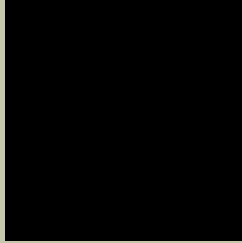
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

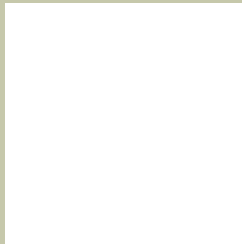
Any Text WCAG AAA ✓ Pass

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

RYB 171, 200, 173 Background



This preview shows how black text looks on a background with the RYB color 171, 200, 173.



This preview shows how white text looks on a background with the RYB color 171, 200, 173.

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
171, 200, 173

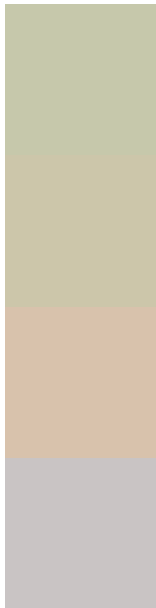
Protanopia
185, 208, 170

Deuteranopia
226, 198, 173



Tritanopia
203, 194, 210

Trichromacy



Original Color

171, 200, 173

Protanomaly

177, 204, 170

Deuteranomaly

216, 216, 172

Tritanomaly

201, 196, 196

Monochromacy



Original Color

171, 200, 173

Achromatopsia

196, 196, 196

Achromatomaly

187, 197, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 200, 173 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, 200, 171) looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 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(198, 200, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 200, 173 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, 200, 171) }
```

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

```
.border{ border-color:rgb(198, 200, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 200, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 171);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 200, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 171) }
```

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

```
.background{ background-color: rgb(198,  
200, 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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