

Converting Colors

`RYB(200, 173, 171)`

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

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Color

R_YB(200, 173, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C8ADAB
RGB	200, 173, 171
RGB Percent	78%, 68%, 67%
CMY	0.2157, 0.3221, 0.3294
CMYK	0.00, 0.14, 0.15, 0.22
HSL	4°, 21%, 73%
HSV	4°, 15%, 78%
XYZ	46.0889, 45.0573, 44.7959
YIQ	180.8450, 16.7340, 5.1020

Conversions

Conversions Part 2

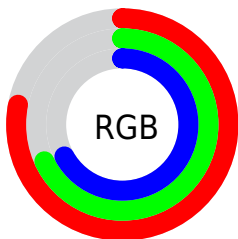
Format	Color
R _Y B	200, 173, 171
Decimal	13151659
CIE Lab	72.93, 9.50, 4.58
CIE LCh	73, 10.544, 25.728
Yxy	45.0573, 0.3390, 0.3314
Android (android.graphics.Color)	4291341739 (0xFFC8ADAB)
YUV	180.8450, -4.8536, 16.7989
Hunter-Lab	67.1247, 5.0927, 7.4200

Details

The RYB color **200, 173, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 185, 200**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 228, 226**, and **146, 121, 119** is the 20% darker color. If you saturate the color by 10%, you get **200, 154, 151**, and if you desaturate by 10%, it is **200, 192, 191**.

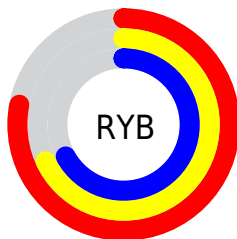
Distribution



Red (78%)

Green (68%)

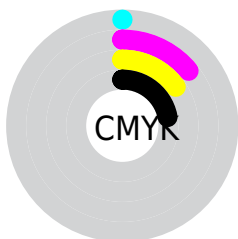
Blue (67%)



Red (78%)

Yellow (68%)

Blue (67%)

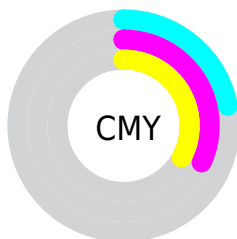


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients


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

 200, 173, 171

 200, 173, 171

255, 255, 255


 173, 146, 145

 255, 228, 226

 146, 121, 119

 120, 96, 94


 95, 72, 71

 71, 49, 48


 48, 28, 27


 29, 3, 0


 0, 0, 0

 200, 173, 171


 200, 173, 171

 200, 154, 151

 200, 192, 191

 200, 135, 131

 200, 205, 211

 200, 117, 111

 200, 215, 231

 200, 98, 91

 200, 225, 251

 200, 80, 71

 200, 228, 255

 200, 62, 51

 200, 43, 31

 200, 24, 11

 200, 14, 0

Harmonies

Analogous

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



198, 173, 181



200, 173, 171



197, 182, 163

Triad

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



200, 173, 171



167, 182, 183



167, 176, 198

Complementary

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



200, 173, 171



171, 185, 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.



158, 173, 195



200, 173, 171



158, 174, 185

Square

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



200, 173, 171



162, 181, 165



155, 170, 187



179, 177, 196

Rectangle

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



200, 173, 171



190, 192, 161



155, 170, 187



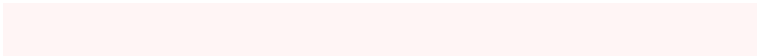
164, 175, 197

Sweetspot

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



200, 173, 171



255, 245, 245



200, 171, 199



128, 122, 121



0, 0, 0



128, 128, 128

Same Dimension

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



200, 173, 171



255, 214, 212



195, 200, 171



99, 90, 90



163, 12, 0



36, 2, 0

Inverse Universe

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



171, 185, 200



212, 233, 255



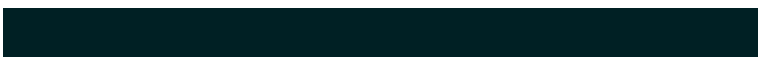
171, 180, 200



90, 95, 99



0, 79, 163



0, 17, 36

Previews

White Background



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

Color Contrast Check

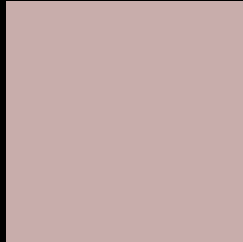
Large Text (above 18pt) WCAG AA × Fail

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 200, 173, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

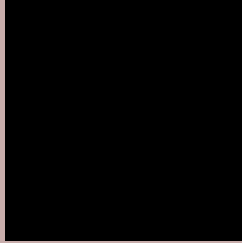
Any Text WCAG AA ✓ Pass

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 200, 173, 171 Background



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



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

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
200, 173, 171

Protanopia
183, 181, 174

Deuteranopia
199, 173, 171



Tritanopia

202, 171, 184

Trichromacy



Original Color
200, 173, 171

Protanomaly
189, 177, 173

Deuteranomaly
199, 173, 171

Tritanomaly
201, 172, 179

Monochromacy



Original Color
200, 173, 171

Achromatopsia
181, 181, 181

Achromatomaly
188, 178, 177

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(200, 173, 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(200, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 173, 171) }
```

Border

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

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

```
.border{ border-color:rgb(200, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(200, 173,  
171) }
```

Background

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

```
.background, #background, body{  
background: rgb(200, 173, 171) }
```

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

```
.background{ background-color: rgb(200,  
173, 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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