

Converting Colors

`RYB(196, 173, 180)`

Have a look what the booklet for RYB(196, 173, 180) contains.

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Color

R_YB(196, 173, 180)

Conversions

Conversions Part 1

Format	Color
Hex	C4ADB4
RGB	196, 173, 180
RGB Percent	77%, 68%, 71%
CMY	0.2314, 0.3216, 0.2941
CMYK	0.00, 0.12, 0.08, 0.23
HSL	342°, 16%, 72%
HSV	342°, 12%, 77%
XYZ	45.9467, 44.9182, 49.4284
YIQ	180.6750, 11.4610, 7.0530

Conversions

Conversions Part 2

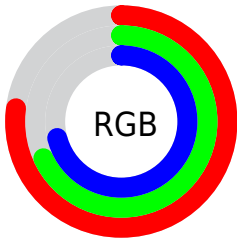
Format	Color
R_{YB}	196, 173, 180
Decimal	12889524
CIE Lab	72.84, 9.49, -0.54
CIE LCh	73, 9.505, 356.736
Yxy	44.9182, 0.3275, 0.3202
Android (android.graphics.Color)	4291079604 (0xFFC4ADB4)
YUV	180.6750, -0.3328, 13.4400
Hunter-Lab	67.0210, 5.0851, 3.1880

Details

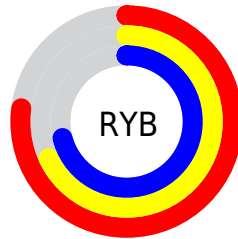
The RYB color **196, 173, 180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **173, 187, 196**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **253, 228, 236**, and **142, 121, 127** is the 20% darker color. If you saturate the color by 10%, you get **196, 153, 166**, and if you desaturate by 10%, it is **196, 193, 194**.

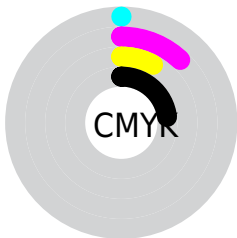
Distribution



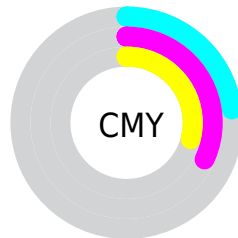
- Red (77%)
- Green (68%)
- Blue (71%)



- Red (77%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (23%)



- Cyan (23%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 196, 173, 180 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 196, 173, 180 by changing the saturation by 10% instead.

 196, 173, 180

255, 255, 255

 253, 228, 236


 196, 173, 180

 169, 146, 153

 142, 121, 127

 116, 96, 102

 92, 72, 78


 68, 50, 56

 45, 28, 34

 26, 3, 12

 0, 0, 0

 196, 173, 180

 196, 173, 180

■ 196, 153, 166

■ 196, 193, 194

■ 196, 134, 153

■ 196, 205, 212

■ 196, 114, 139

■ 196, 217, 232

■ 196, 95, 125

■ 196, 228, 251

■ 196, 75, 112

■ 196, 227, 255

■ 196, 55, 98

■ 196, 226, 255

■ 196, 36, 85

■ 196, 16, 71

■ 196, 0, 60

Harmonies

Analogous

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



189, 174, 188



196, 173, 180



198, 173, 171

Triad

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



196, 173, 180



163, 181, 167



160, 173, 193

Complementary

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



196, 173, 180



173, 187, 196

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.



157, 171, 186



196, 173, 180



167, 181, 183

Square

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



196, 173, 180



176, 187, 162



160, 174, 184



169, 177, 196

Rectangle

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



196, 173, 180



196, 177, 166



160, 174, 184



159, 173, 191

Sweetspot

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



196, 173, 180



255, 245, 248



189, 173, 196



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



196, 173, 180



255, 219, 230



196, 178, 173



97, 87, 90



161, 0, 49



33, 0, 10

Inverse Universe

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



196, 173, 180



255, 219, 230



173, 183, 196



97, 87, 90



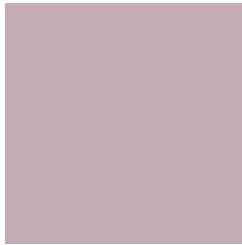
161, 0, 49



33, 0, 10

Previews

White Background



This preview shows how the RYB color 196, 173, 180 looks on a white background.

Color Contrast Check

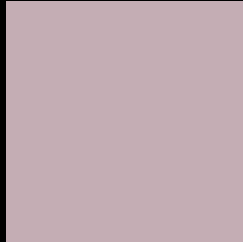
Large Text (above 18pt) WCAG AA × Fail

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 196, 173, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

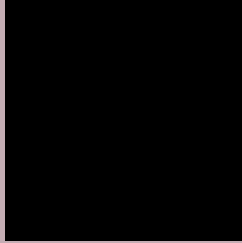
Any Text WCAG AA ✓ Pass

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 196, 173, 180 Background



This preview shows how black text looks on a background with the RYB color 196, 173, 180.



This preview shows how white text looks on a background with the RYB color 196, 173, 180.

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
196, 173, 180

Protanopia
181, 178, 183

Deuteranopia
195, 173, 180



Tritanopia
197, 172, 186

Trichromacy



Original Color

196, 173, 180

Protanomaly

186, 176, 182

Deuteranomaly

195, 173, 180

Tritanomaly

197, 172, 184

Monochromacy



Original Color

196, 173, 180

Achromatopsia

181, 181, 181

Achromatomaly

186, 178, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 173, 180 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(196, 173, 180) looks like.

```
.text, #text, p{  
    color:rgb(196, 173, 180)  
}
```

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(196, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 173, 180) }
```

Border

The CSS property to change the border of an element to RYB 196, 173, 180 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(196, 173, 180) }
```

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

```
.border{ border-color:rgb(196, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(196, 173,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 196, 173, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 173, 180) }
```

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

```
.background{ background-color: rgb(196,  
173, 180) }
```

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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