

Converting Colors

`RYB(196, 174, 201)`

Have a look what the booklet for RYB(196, 174, 201) contains.

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Color

R_YB(196, 174, 201)

Conversions

Conversions Part 1

Format	Color
Hex	C4AEC9
RGB	196, 174, 201
RGB Percent	77%, 68%, 79%
CMY	0.2314, 0.3176, 0.2118
CMYK	0.02, 0.13, 0.00, 0.21
HSL	289°, 20%, 74%
HSV	289°, 13%, 79%
XYZ	48.4436, 46.2249, 61.6274
YIQ	183.6560, 4.4450, 13.0610

Conversions

Conversions Part 2

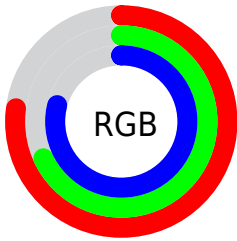
Format	Color
R_{YB}	196, 174, 201
Decimal	12889801
CIE _{Lab}	73.69, 12.79, -10.80
CIE _{LCh}	74, 16.742, 319.839
Yxy	46.2249, 0.3099, 0.2958
Android (android.graphics.Color)	4291079881 (0xFFC4AEC9)
YUV	183.6560, 8.5506, 10.8257
Hunter-Lab	67.9889, 8.2047, -6.1502

Details

The RYB color **196, 174, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174, 201, 196**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **253, 230, 255**, and **142, 122, 147** is the 20% darker color. If you saturate the color by 10%, you get **192, 154, 201**, and if you desaturate by 10%, it is **200, 194, 201**.

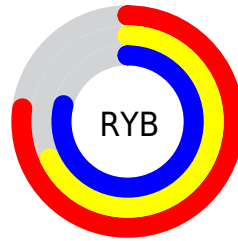
Distribution



Red (77%)

Green (68%)

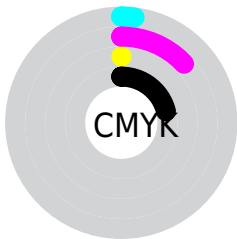
Blue (79%)



Red (77%)

Yellow (68%)

Blue (79%)

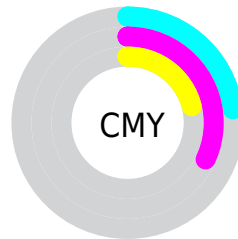


Cyan (2%)

Magenta (13%)

Yellow (0%)

Black (21%)



Cyan (23%)

Magenta (32%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 196, 174, 201 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, 174, 201 by changing the saturation by 10% instead.


 196, 174, 201

255, 255, 255


 253, 230, 255

 196, 174, 201

 169, 147, 174

 142, 122, 147

 116, 97, 121

 92, 73, 96


 68, 50, 73

 46, 29, 50

 26, 5, 29

 0, 0, 0

 196, 174, 201

 196, 174, 201

192, 154, 201

200, 194, 201

189, 134, 201

201, 214, 212

185, 114, 201

201, 234, 228

181, 94, 201

201, 254, 244

177, 74, 201

201, 255, 241

174, 53, 201

201, 255, 238

170, 33, 201

201, 255, 234

166, 13, 201

201, 255, 230

164, 0, 201

201, 255, 227

Harmonies

Analogous

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



177, 179, 210



196, 174, 201



209, 171, 187

Triad

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



196, 174, 201



186, 198, 151



141, 166, 191

Complementary

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



196, 174, 201



174, 201, 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.



149, 174, 190



196, 174, 201



152, 183, 153

Square

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



196, 174, 201



210, 181, 158



161, 187, 183



144, 169, 204

Rectangle

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



196, 174, 201



213, 170, 176



161, 187, 183



143, 168, 190

Sweetspot

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



196, 174, 201



253, 245, 255



174, 178, 201



126, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 174, 201



247, 214, 255



201, 174, 193



98, 90, 99



133, 0, 163



29, 0, 36

Inverse Universe

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



201, 174, 179



255, 214, 222



174, 195, 201



99, 90, 91



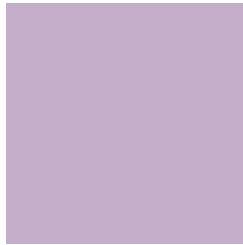
163, 0, 30



36, 0, 7

Previews

White Background



This preview shows how the RYB color 196, 174, 201 looks on a white background.

Color Contrast Check

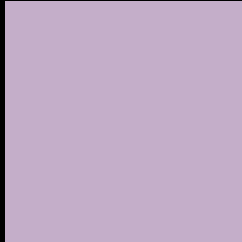
Large Text (above 18pt) WCAG AA × Fail

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, 174, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

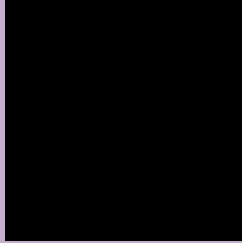
Any Text WCAG AA ✓ Pass

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, 174, 201 Background



This preview shows how black text looks on a background with the RYB color 196, 174, 201.



This preview shows how white text looks on a background with the RYB color 196, 174, 201.

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, 174, 201

Protanopia
177, 180, 205

Deuteranopia
190, 176, 201



Tritanopia
194, 176, 190

Trichromacy



Original Color
196, 174, 201

Protanomaly
184, 178, 204

Deuteranomaly
192, 175, 201

Tritanomaly
195, 175, 194

Monochromacy



Original Color
196, 174, 201

Achromatopsia
184, 184, 184

Achromatomaly
188, 180, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 174, 201 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, 174, 201)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 201)  
}
```

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, 174, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 201) }
```

Border

The CSS property to change the border of an element to RYB 196, 174, 201 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, 174, 201) }
```

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

```
.border{ border-color:rgb(196, 174, 201) }
```

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

Here you see how a box with a 4 pixel rgb(196, 174, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 201);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 196, 174, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 174, 201) }
```

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

```
.background{ background-color: rgb(196,  
174, 201) }
```

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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