

Converting Colors

`RYB(206, 174, 188)`

Have a look what the booklet for RYB(206, 174, 188) contains.

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Color

R_YB(206, 174, 188)

Conversions

Conversions Part 1

Format	Color
Hex	CEAEBC
RGB	206, 174, 188
RGB Percent	81%, 68%, 74%
CMY	0.1922, 0.3176, 0.2627
CMYK	0.00, 0.16, 0.09, 0.19
HSL	334°, 25%, 75%
HSV	334°, 16%, 81%
XYZ	49.6668, 47.0248, 54.0359
YIQ	185.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

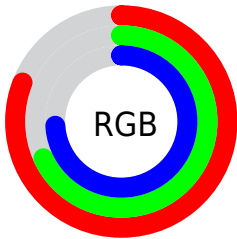
Format	Color
R _Y B	206, 174, 188
Decimal	13545148
CIE Lab	74.21, 13.91, -2.82
CIE LCh	74, 14.194, 348.549
Yxy	47.0248, 0.3295, 0.3120
Android (android.graphics.Color)	4291735228 (0xFFCEAEBC)
YUV	185.1640, 1.3981, 18.2732
Hunter-Lab	68.5746, 9.2772, 1.2824

Details

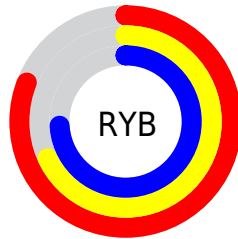
The RYB color **206, 174, 188** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **174, 194, 206**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 230, 244**, and **151, 122, 135** is the 20% darker color. If you saturate the color by 10%, you get **206, 153, 176**, and if you desaturate by 10%, it is **206, 195, 200**.

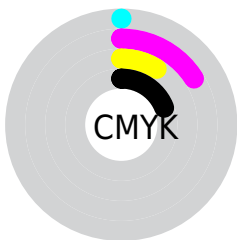
Distribution



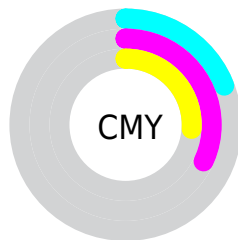
- Red (81%)
- Green (68%)
- Blue (74%)



- Red (81%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (19%)



- Cyan (19%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 174, 188 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 206, 174, 188 by changing the saturation by 10% instead.


 206, 174, 188

 206, 174, 188

255, 255, 255

 178, 147, 161


 255, 230, 244

 151, 122, 135

 125, 97, 110

 100, 73, 85

 76, 50, 62

 53, 29, 40

 32, 5, 20


 0, 0, 0

 206, 174, 188

 206, 174, 188

 206, 153, 176

 206, 195, 200

 206, 133, 165


 206, 212, 215

 206, 112, 153

 206, 225, 236

 206, 92, 142

 206, 237, 255

 206, 71, 130

 206, 233, 255

 206, 50, 118

 206, 231, 255

 206, 30, 107

 206, 9, 95

 206, 0, 90

Harmonies

Analogous

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



195, 177, 200



206, 174, 188



210, 174, 175

Triad

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



206, 174, 188



158, 184, 158



151, 172, 201

Complementary

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



206, 174, 188



174, 194, 206

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, 170, 190



206, 174, 188



165, 188, 184

Square

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



206, 174, 188



189, 198, 157



156, 177, 190



163, 178, 208

Rectangle

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



206, 174, 188



209, 177, 167



156, 177, 190



150, 172, 198

Sweetspot

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



206, 174, 188



255, 242, 248



192, 174, 206



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



206, 174, 188



255, 207, 228



206, 176, 174



102, 92, 96



166, 0, 73



38, 0, 17

Inverse Universe

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



206, 174, 188



255, 207, 228



174, 189, 206



102, 92, 96



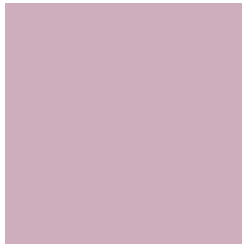
166, 0, 73



38, 0, 17

Previews

White Background



This preview shows how the RYB color 206, 174, 188 looks on a white background.

Color Contrast Check

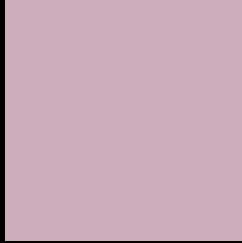
Large Text (above 18pt) WCAG AA × Fail

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 206, 174, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

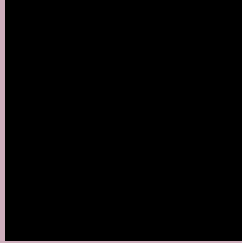
Any Text WCAG AA ✓ Pass

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 206, 174, 188 Background



This preview shows how black text looks on a background with the RYB color 206, 174, 188.



This preview shows how white text looks on a background with the RYB color 206, 174, 188.

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
206, 174, 188

Protanopia
183, 182, 193

Deuteranopia
198, 177, 187



Tritanopia
206, 174, 188

Trichromacy



Original Color

206, 174, 188

Protanomaly

191, 179, 191

Deuteranomaly

201, 176, 187

Tritanomaly

206, 174, 188

Monochromacy



Original Color

206, 174, 188

Achromatopsia

185, 185, 185

Achromatomaly

193, 181, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 174, 188 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(206, 174, 188) looks like.

```
.text, #text, p{  
    color:rgb(206, 174, 188)  
}
```

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(206, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 174, 188) }
```

Border

The CSS property to change the border of an element to RYB 206, 174, 188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

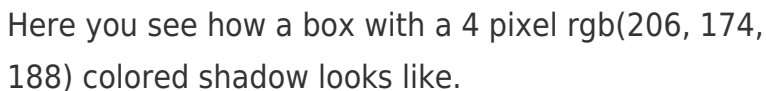
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 174, 188) }
```

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

```
.border{ border-color:rgb(206, 174, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 174, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 174, 188); box-shadow:4px 4px 4px 4px rgb(206, 174, 188) }
```

Background

The CSS property to change the background color of an element to RGB 206, 174, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 174, 188) }
```

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

```
.background{ background-color: rgb(206,  
174, 188) }
```

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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