

Converting Colors

`RYB(208, 171, 194)`

Have a look what the booklet for
RYB(208, 171, 194) contains.

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Color

R_YB(208, 171, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D0ABC2
RGB	208, 171, 194
RGB Percent	82%, 67%, 76%
CMY	0.1843, 0.3294, 0.2392
CMYK	0.00, 0.18, 0.07, 0.18
HSL	323°, 28%, 74%
HSV	323°, 18%, 82%
XYZ	50.3129, 46.4308, 57.3492
YIQ	184.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

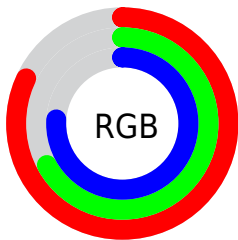
Format	Color
RYB	208, 171, 194
Decimal	13675458
CIELab	73.82, 17.29, -6.65
CIElCh	74, 18.528, 338.973
Yxy	46.4308, 0.3265, 0.3013
Android (android.graphics.Color)	4291865538 (0xFFD0ABC2)
YUV	184.6850, 4.5923, 20.4473
Hunter-Lab	68.1401, 12.5547, -2.2025

Details

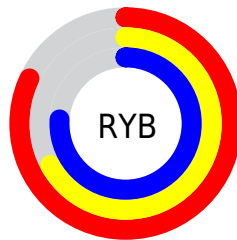
The RYB color **208, 171, 194** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 198, 208**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 226, 250**, and **153, 119, 140** is the 20% darker color. If you saturate the color by 10%, you get **208, 150, 186**, and if you desaturate by 10%, it is **208, 192, 202**.

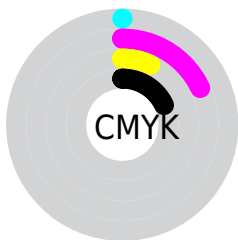
Distribution



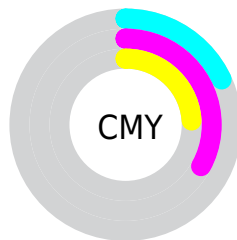
- Red (82%)
- Green (67%)
- Blue (76%)



- Red (82%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (18%)



- Cyan (18%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 171, 194 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 208, 171, 194 by changing the saturation by 10% instead.

 208, 171, 194

255, 255, 255

 255, 226, 250

 208, 171, 194

 180, 144, 167

 153, 119, 140

 127, 94, 115

 102, 70, 90

 77, 47, 67

 54, 26, 45

 33, 1, 24

 0, 0, 0

 208, 171, 194

 208, 171, 194

 208, 150, 186


 208, 192, 202

 208, 129, 178


 208, 212, 213

 208, 109, 170

 208, 226, 233

 208, 88, 163


 208, 242, 254

 208, 67, 155

 208, 239, 255

 208, 46, 147

 208, 236, 255

 208, 25, 139

 208, 233, 255

 208, 5, 131

 208, 232, 255

 208, 0, 129

Harmonies

Analogous

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



191, 175, 208



208, 171, 194



217, 170, 177

Triad

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



208, 171, 194



156, 189, 148



137, 166, 202

Complementary

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



208, 171, 194



171, 198, 208

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.



139, 166, 191



208, 171, 194



155, 187, 172

Square

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



208, 171, 194



206, 199, 150



152, 178, 190



148, 172, 213

Rectangle

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



208, 171, 194



217, 172, 166



152, 178, 190



136, 165, 197

Sweetspot

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



208, 171, 194



255, 242, 250



185, 171, 208



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



208, 171, 194



255, 201, 235



208, 171, 176



105, 94, 101



168, 0, 105



41, 0, 25

Inverse Universe

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



208, 171, 194



255, 201, 235



171, 191, 208



105, 94, 101



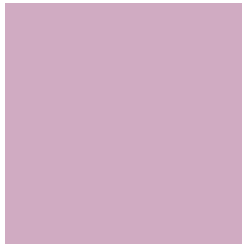
168, 0, 105



41, 0, 25

Previews

White Background



This preview shows how the RYB color 208, 171, 194 looks on a white background.

Color Contrast Check

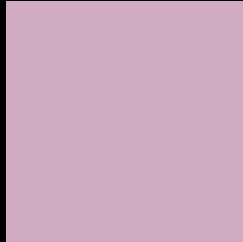
Large Text (above 18pt) WCAG AA × Fail

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 208, 171, 194 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](#).

RYP 208, 171, 194 Background



This preview shows how black text looks on a background with the RYB color 208, 171, 194.

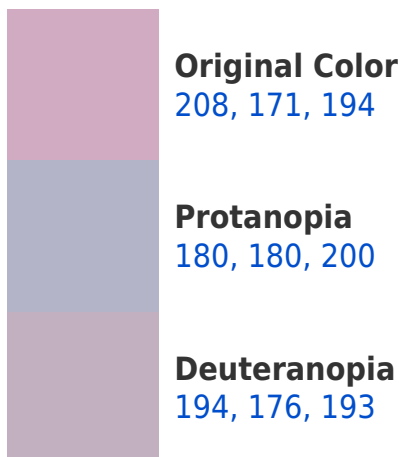


This preview shows how white text looks on a background with the RYB color 208, 171, 194.

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





Tritanopia
207, 172, 186

Trichromacy



Original Color
208, 171, 194

Protanomaly
190, 177, 198

Deuteranomaly
199, 174, 193

Tritanomaly
207, 172, 189

Monochromacy



Original Color
208, 171, 194

Achromatopsia
185, 185, 185

Achromatomaly
193, 180, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 171, 194 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(208, 171, 194) looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 194)  
}
```

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(208, 171, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 194) }
```

Border

The CSS property to change the border of an element to RYB 208, 171, 194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

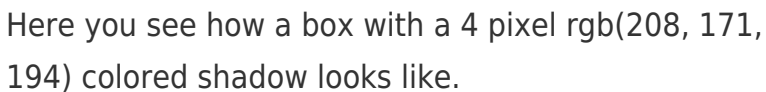
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 171, 194) }
```

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

```
.border{ border-color:rgb(208, 171, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 171, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 194);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 208, 171, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 194) }
```

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

```
.background{ background-color: rgb(208,  
171, 194) }
```

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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