

Converting Colors

`RYB(208, 171, 206)`

Have a look what the booklet for RYB(208, 171, 206) contains.

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Color

R_YB(208, 171, 206)

Conversions

Conversions Part 1

Format	Color
Hex	D0ABCE
RGB	208, 171, 206
RGB Percent	82%, 67%, 81%
CMY	0.1843, 0.3294, 0.1922
CMYK	0.00, 0.18, 0.01, 0.18
HSL	303°, 28%, 74%
HSV	303°, 18%, 82%
XYZ	51.7159, 46.9919, 64.7371
YIQ	186.0530, 10.8170, 18.7290

Conversions

Conversions Part 2

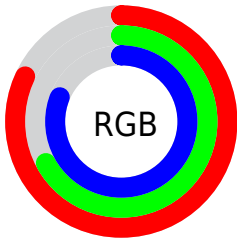
Format	Color
R_{YB}	208, 171, 206
Decimal	13675470
CIE _{Lab}	74.18, 19.47, -12.68
CIE _{LCh}	74, 23.234, 326.911
Yxy	46.9919, 0.3164, 0.2875
Android (android.graphics.Color)	4291865550 (0xFFD0ABCE)
YUV	186.0530, 9.8339, 19.2475
Hunter-Lab	68.5507, 14.7001, -8.0062

Details

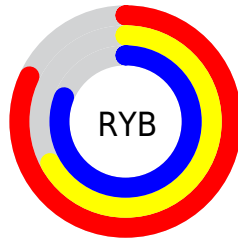
The RYB color **208, 171, 206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 206, 208**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 226, 255**, and **153, 119, 152** is the 20% darker color. If you saturate the color by 10%, you get **208, 150, 205**, and if you desaturate by 10%, it is **208, 192, 207**.

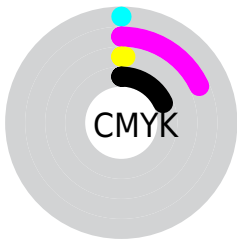
Distribution



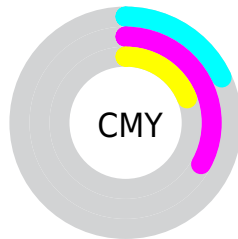
- Red (82%)
- Green (67%)
- Blue (81%)



- Red (82%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 208, 171, 206 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, 206 by changing the saturation by 10% instead.

 208, 171, 206

255, 255, 255

 255, 226, 255

 208, 171, 206

 180, 144, 178

 153, 119, 152

 127, 94, 126

 102, 70, 101

 77, 47, 77

 54, 25, 54

 33, 1, 33

 0, 0, 6

 0, 0, 0

 208, 171, 206

 208, 171, 206

 208, 150, 205


 208, 192, 207

 208, 129, 204

 208, 213, 213

 208, 109, 203

 208, 232, 233

 208, 88, 202


 208, 252, 254

 208, 67, 200

 208, 251, 255

 208, 46, 199

 208, 250, 255

 208, 25, 198

 208, 250, 255

 208, 5, 197

 208, 249, 255

 208, 0, 197

 208, 248, 255

Harmonies

Analogous

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



183, 178, 220



208, 171, 206



223, 167, 185

Triad

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



208, 171, 206



172, 201, 140



122, 160, 201

Complementary

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



208, 171, 206



171, 206, 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.



132, 167, 194



208, 171, 206



144, 187, 153

Square

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



208, 171, 206



218, 188, 147



153, 187, 192



130, 166, 217

Rectangle

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



208, 171, 206



227, 167, 171



153, 187, 192



124, 160, 195

Sweetspot

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



208, 171, 206



255, 242, 254



173, 171, 208



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



208, 171, 206



255, 201, 252



208, 171, 188



105, 94, 104



168, 0, 159



41, 0, 39

Inverse Universe

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



208, 171, 206



255, 201, 252



171, 195, 208



105, 94, 104



168, 0, 159



41, 0, 39

Previews

White Background



This preview shows how the RYB color 208, 171, 206 looks on a white background.

Color Contrast Check

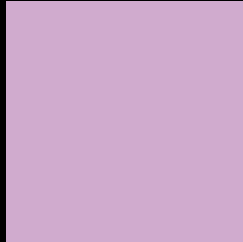
Large Text (above 18pt) WCAG AA × Fail

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, 206 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 208, 171, 206 Background



This preview shows how black text looks on a background with the RYB color 208, 171, 206.



This preview shows how white text looks on a background with the RYB color 208, 171, 206.

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
208, 171, 206

Protanopia
177, 181, 213

Deuteranopia
190, 178, 205



Tritanopia
205, 174, 188

Trichromacy



Original Color
208, 171, 206

Protanomaly
188, 177, 210

Deuteranomaly
197, 175, 205

Tritanomaly
206, 173, 195

Monochromacy



Original Color
208, 171, 206

Achromatopsia
186, 186, 186

Achromatomaly
194, 181, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 171, 206 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, 206) looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 206) }
```

Border

The CSS property to change the border of an element to RYB 208, 171, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

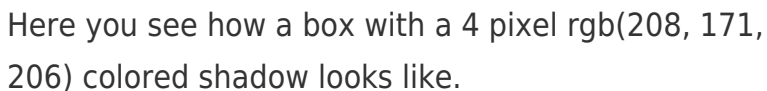
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 171, 206) }
```

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

```
.border{ border-color:rgb(208, 171, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 208, 171, 206 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, 206) }
```

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

```
.background{ background-color: rgb(208,  
171, 206) }
```

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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