

Converting Colors

`RYB(208, 176, 203)`

Have a look what the booklet for
RYB(208, 176, 203) contains.

RYB(208, 176, 203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(208, 176, 203)

Conversions

Conversions Part 1

Format	Color
Hex	D0B0CB
RGB	208, 176, 203
RGB Percent	82%, 69%, 80%
CMY	0.1843, 0.3098, 0.2039
CMYK	0.00, 0.15, 0.02, 0.18
HSL	309°, 25%, 75%
HSV	309°, 15%, 82%
XYZ	52.3173, 48.7724, 63.1565
YIQ	188.6460, 10.4050, 15.1810

Conversions

Conversions Part 2

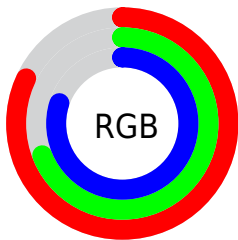
Format	Color
R _Y B	208, 176, 203
Decimal	13676747
CIE Lab	75.31, 16.19, -9.36
CIE LCh	75, 18.706, 329.959
Yxy	48.7724, 0.3185, 0.2969
Android (android.graphics.Color)	4291866827 (0xFFD0B0CB)
YUV	188.6460, 7.0765, 16.9735
Hunter-Lab	69.8372, 11.5048, -4.7322

Details

The RYB color **208, 176, 203** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176, 204, 208**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 232, 255**, and **153, 123, 149** is the 20% darker color. If you saturate the color by 10%, you get **208, 155, 200**, and if you desaturate by 10%, it is **208, 197, 206**.

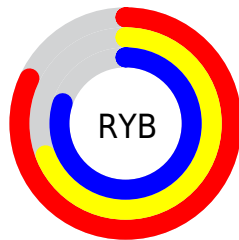
Distribution



Red (82%)

Green (69%)

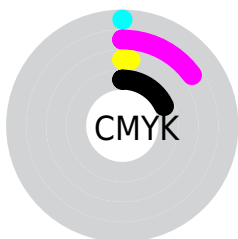
Blue (80%)



Red (82%)

Yellow (69%)

Blue (80%)

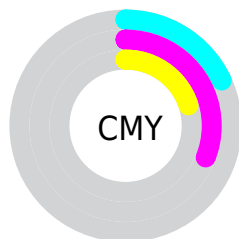


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 208, 176, 203 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, 176, 203 by changing the saturation by 10% instead.

 208, 176, 203

255, 255, 255

 255, 232, 255


 208, 176, 203

 180, 149, 176

 153, 123, 149

 127, 98, 123

 102, 74, 98

 78, 51, 74

 55, 30, 52


 33, 8, 31

 0, 0, 3

 0, 0, 0

 208, 176, 203

 208, 176, 203

 208, 155, 200


 208, 197, 206

 208, 134, 196


 208, 216, 218

 208, 114, 193


 208, 234, 238

 208, 93, 190


 208, 248, 255

 208, 72, 187


 208, 246, 255

 208, 51, 184

 208, 244, 255

 208, 30, 180

 208, 242, 255

 208, 10, 177

 208, 240, 255

 208, 0, 176

 208, 239, 255

Harmonies

Analogous

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



189, 181, 215



208, 176, 203



220, 174, 186

Triad

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



208, 176, 203



173, 199, 151



139, 169, 202

Complementary

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



208, 176, 203



176, 204, 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.



145, 173, 195



208, 176, 203



155, 190, 165

Square

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



208, 176, 203



214, 194, 156



161, 188, 194



147, 174, 215

Rectangle

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



208, 176, 203



222, 174, 174



161, 188, 194



140, 168, 197

Sweetspot

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



208, 176, 203



255, 242, 253



181, 176, 208



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



208, 176, 203



255, 209, 248



208, 176, 187



105, 94, 103



168, 0, 142



41, 0, 34

Inverse Universe

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



208, 176, 203



255, 209, 248



176, 195, 208



105, 94, 103



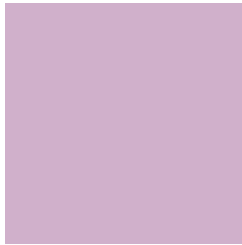
168, 0, 142



41, 0, 34

Previews

White Background



This preview shows how the RYB color 208, 176, 203 looks on a white background.

Color Contrast Check

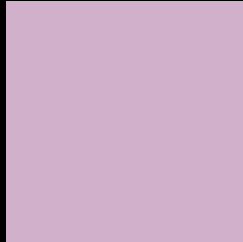
Large Text (above 18pt) WCAG AA × Fail

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, 176, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

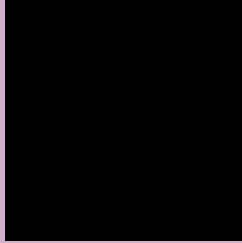
Any Text WCAG AA ✓ Pass

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, 176, 203 Background



This preview shows how black text looks on a background with the RYB color 208, 176, 203.



This preview shows how white text looks on a background with the RYB color 208, 176, 203.

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, 176, 203

Protanopia
182, 184, 208

Deuteranopia
196, 180, 202



Tritanopia
206, 178, 192

Trichromacy



Original Color
208, 176, 203

Protanomaly
191, 181, 206

Deuteranomaly
200, 179, 202

Tritanomaly
207, 177, 196

Monochromacy



Original Color
208, 176, 203

Achromatopsia
189, 189, 189

Achromatomaly
196, 184, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 176, 203 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, 176, 203) looks like.

```
.text, #text, p{  
    color:rgb(208, 176, 203)  
}
```

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, 176, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 176, 203) }
```

Border

The CSS property to change the border of an element to RYB 208, 176, 203 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, 176, 203) }
```

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

```
.border{ border-color:rgb(208, 176, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 176, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 176, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 176, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 176,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 208, 176, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 176, 203) }
```

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

```
.background{ background-color: rgb(208,  
176, 203) }
```

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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