

Converting Colors

`RYB(208, 184, 205)`

Have a look what the booklet for RYB(208, 184, 205) contains.

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Color

R_YB(208, 184, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D0B8CD
RGB	208, 184, 205
RGB Percent	82%, 72%, 80%
CMY	0.1843, 0.2784, 0.1961
CMYK	0.00, 0.12, 0.01, 0.18
HSL	308°, 20%, 77%
HSV	308°, 12%, 82%
XYZ	54.1724, 52.0987, 64.9585
YIQ	193.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

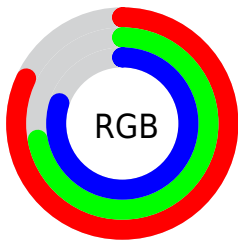
Format	Color
R _Y B	208, 184, 205
Decimal	13678797
CIE Lab	77.34, 12.23, -7.44
CIE LCh	77, 14.312, 328.699
Yxy	52.0987, 0.3164, 0.3043
Android (android.graphics.Color)	4291868877 (0xFFD0B8CD)
YUV	193.5700, 5.6350, 12.6551
Hunter-Lab	72.1794, 7.6546, -2.8330

Details

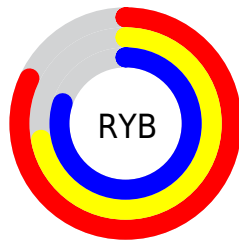
The RYB color **208, 184, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 205, 208**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 240, 255**, and **154, 131, 151** is the 20% darker color. If you saturate the color by 10%, you get **208, 163, 202**, and if you desaturate by 10%, it is **208, 205, 208**.

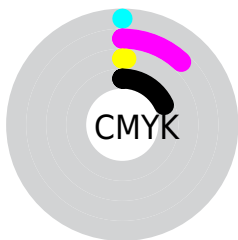
Distribution



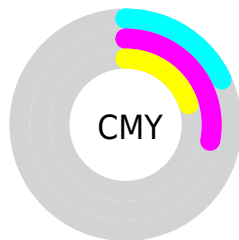
- Red (82%)
- Green (72%)
- Blue (80%)



- Red (82%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (18%)




- Cyan (18%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 208, 184, 205 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, 184, 205 by changing the saturation by 10% instead.

 208, 184, 205

 208, 184, 205

255, 255, 255

 180, 157, 178

 255, 240, 255


 154, 131, 151

 127, 106, 125

 102, 82, 100

 78, 58, 76

 55, 37, 53

 33, 16, 32

 0, 0, 7

 0, 0, 0

 208, 184, 205

 208, 184, 205

 208, 163, 202

 208, 205, 208

 208, 142, 200


 208, 224, 226

 208, 122, 197


 208, 242, 246

 208, 101, 195


 208, 249, 255

 208, 80, 192


 208, 247, 255

 208, 59, 189

 208, 245, 255

 208, 38, 187

 208, 244, 255

 208, 18, 184

 208, 242, 255

 208, 0, 182

 208, 241, 255

Harmonies

Analogous

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



193, 188, 214



208, 184, 205



217, 182, 192

Triad

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



208, 184, 205



183, 202, 165



157, 179, 203

Complementary

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



208, 184, 205



184, 205, 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.



161, 183, 199



208, 184, 205



168, 194, 174

Square

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



208, 184, 205



214, 196, 169



173, 194, 197



163, 183, 213

Rectangle

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



208, 184, 205



220, 182, 183



173, 194, 197



157, 178, 199

Sweetspot

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



208, 184, 205



255, 247, 254



187, 184, 208



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



208, 184, 205



255, 219, 251



208, 184, 193



105, 94, 103



168, 0, 147



41, 0, 36

Inverse Universe

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



208, 184, 205



255, 219, 251



184, 199, 208



105, 94, 103



168, 0, 147



41, 0, 36

Previews

White Background



This preview shows how the RYB color 208, 184, 205 looks on a white background.

Color Contrast Check

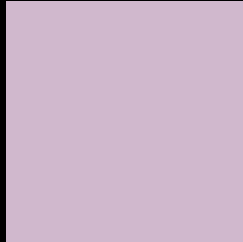
Large Text (above 18pt) WCAG AA × Fail

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, 184, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

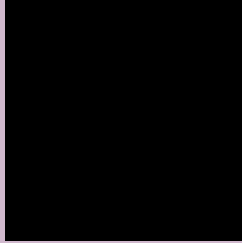
Any Text WCAG AA ✓ Pass

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, 184, 205 Background



This preview shows how black text looks on a background with the RYB color 208, 184, 205.



This preview shows how white text looks on a background with the RYB color 208, 184, 205.

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, 184, 205

Protanopia
189, 190, 209

Deuteranopia
204, 186, 205



Tritanopia
207, 185, 199

Trichromacy



Original Color
208, 184, 205

Protanomaly
196, 188, 208

Deuteranomaly
205, 185, 205

Tritanomaly
207, 185, 201

Monochromacy



Original Color
208, 184, 205

Achromatopsia
194, 194, 194

Achromatomaly
199, 190, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 184, 205 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, 184, 205) looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 205)  
}
```

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, 184, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 205) }
```

Border

The CSS property to change the border of an element to RYB 208, 184, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

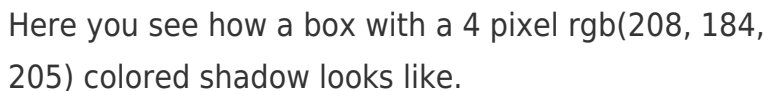
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 184, 205) }
```

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

```
.border{ border-color:rgb(208, 184, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 184, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 184, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 184, 205); box-shadow:4px 4px 4px 4px rgb(208, 184, 205) }
```

Background

The CSS property to change the background color of an element to RYB 208, 184, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 205) }
```

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

```
.background{ background-color: rgb(208,  
184, 205) }
```

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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