

Converting Colors

`RYB(208, 164, 214)`

Have a look what the booklet for
RYB(208, 164, 214) contains.

RYB(208, 164, 214)	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, 164, 214)

Conversions

Conversions Part 1

Format	Color
Hex	D0A4D6
RGB	208, 164, 214
RGB Percent	82%, 64%, 84%
CMY	0.1843, 0.3569, 0.1608
CMYK	0.03, 0.23, 0.00, 0.16
HSL	293°, 38%, 74%
HSV	293°, 23%, 84%
XYZ	51.4255, 44.8159, 69.5582
YIQ	182.8560, 10.1740, 24.8780

Conversions

Conversions Part 2

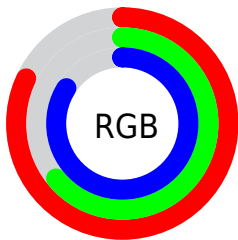
Format	Color
R _Y B	208, 164, 214
Decimal	13673686
CIE Lab	72.77, 24.80, -19.20
CIE LCh	73, 31.359, 322.252
Yxy	44.8159, 0.3102, 0.2703
Android (android.graphics.Color)	4291863766 (0xFFD0A4D6)
YUV	182.8560, 15.3540, 22.0513
Hunter-Lab	66.9446, 19.9669, -14.7435

Details

The RYB color **208, 164, 214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164, 214, 208**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 219, 255**, and **153, 112, 159** is the 20% darker color. If you saturate the color by 10%, you get **205, 143, 214**, and if you desaturate by 10%, it is **211, 185, 214**.

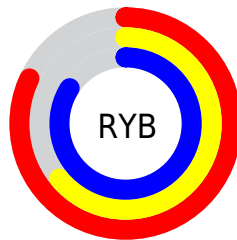
Distribution



Red (82%)

Green (64%)

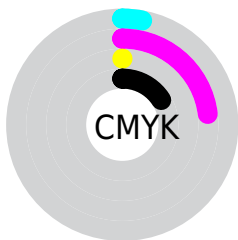
Blue (84%)



Red (82%)

Yellow (64%)

Blue (84%)

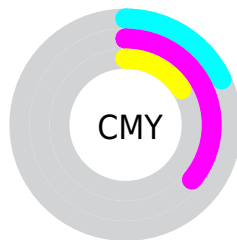


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (36%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 208, 164, 214 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, 164, 214 by changing the saturation by 10% instead.

 208, 164, 214

 208, 164, 214

255, 255, 255


 180, 137, 186

 255, 219, 255

 153, 112, 159

 255, 248, 255

 127, 87, 133

 101, 63, 108

 77, 40, 83

 53, 18, 60

 33, 0, 38


 0, 1, 15

 0, 0, 0

 208, 164, 214


 208, 164, 214

 205, 143, 214


 211, 185, 214

 203, 121, 214


 213, 207, 214

 200, 100, 214


 214, 228, 226

 198, 78, 214


 214, 250, 246

 195, 57, 214

 214, 255, 248

 193, 36, 214

 214, 255, 246

 190, 14, 214

 214, 255, 243

 188, 0, 214

 214, 255, 240

 214, 255, 238

Harmonies

Analogous

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



172, 174, 231



208, 164, 214



230, 158, 187

Triad

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



208, 164, 214



174, 206, 122



87, 142, 199

Complementary

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



208, 164, 214



164, 214, 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.



111, 160, 194



208, 164, 214



125, 183, 131

Square

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



208, 164, 214



227, 181, 134



143, 190, 189



94, 149, 223

Rectangle

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



208, 164, 214



236, 157, 168



143, 190, 189



93, 145, 194

Sweetspot

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



208, 164, 214



253, 237, 255



164, 170, 214



126, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 164, 214



246, 184, 255



214, 164, 196



106, 96, 107



150, 0, 171



38, 0, 43

Inverse Universe

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



214, 164, 170



255, 184, 192



164, 201, 214



107, 96, 98



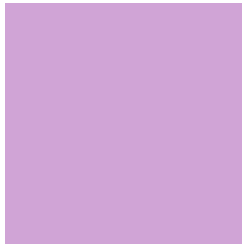
171, 0, 21



43, 0, 5

Previews

White Background



This preview shows how the RYB color 208, 164, 214 looks on a white background.

Color Contrast Check

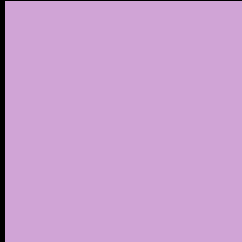
Large Text (above 18pt) WCAG AA × Fail

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, 164, 214 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, 164, 214 Background



This preview shows how black text looks on a background with the RYB color 208, 164, 214.

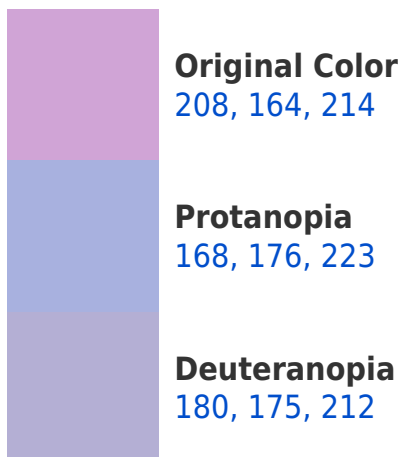


This preview shows how white text looks on a background with the RYB color 208, 164, 214.

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
204, 170, 183

Trichromacy



Original Color
208, 164, 214

Protanomaly
183, 172, 220

Deuteranomaly
190, 171, 213

Tritanomaly
205, 168, 194

Monochromacy



Original Color
208, 164, 214

Achromatopsia
183, 183, 183

Achromatomaly
192, 176, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 164, 214 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, 164, 214) looks like.

```
.text, #text, p{  
    color:rgb(208, 164, 214)  
}
```

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, 164, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 164, 214) }
```

Border

The CSS property to change the border of an element to RYB 208, 164, 214 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, 164, 214) }
```

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

```
.border{ border-color:rgb(208, 164, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 164, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 164, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 164, 214);  
box-shadow:4px 4px 4px 4px rgb(208, 164,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 208, 164, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 164, 214) }
```

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

```
.background{ background-color: rgb(208,  
164, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor