

Converting Colors

`RYB(203, 164, 217)`

Have a look what the booklet for RYB(203, 164, 217) contains.

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Color

R_YB(203, 164, 217)

Conversions

Conversions Part 1

Format	Color
Hex	CBA4D9
RGB	203, 164, 217
RGB Percent	80%, 64%, 85%
CMY	0.2039, 0.3569, 0.1490
CMYK	0.06, 0.24, 0.00, 0.15
HSL	284°, 41%, 75%
HSV	284°, 24%, 85%
XYZ	50.4284, 44.2572, 71.5303
YIQ	181.7030, 6.2310, 24.7510

Conversions

Conversions Part 2

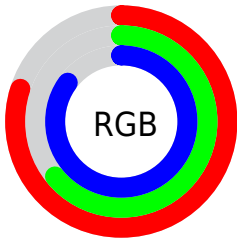
Format	Color
RYB	203, 164, 217
Decimal	13346009
CIELab	72.40, 23.74, -21.45
CIELCh	72, 31.996, 317.905
Yxy	44.2572, 0.3034, 0.2663
Android (android.graphics.Color)	4291536089 (0xFFCBA4D9)
YUV	181.7030, 17.4014, 18.6775
Hunter-Lab	66.5261, 18.8869, -17.1816

Details

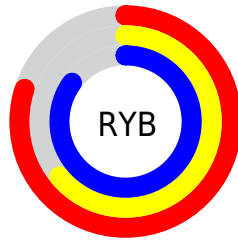
The RYB color **203, 164, 217** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164, 217, 203**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 219, 255**, and **148, 112, 162** is the 20% darker color. If you saturate the color by 10%, you get **197, 142, 217**, and if you desaturate by 10%, it is **209, 186, 217**.

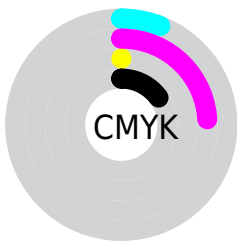
Distribution



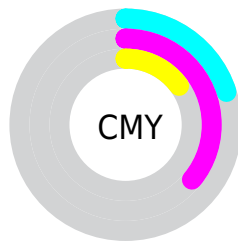
- Red (80%)
- Green (64%)
- Blue (85%)



- Red (80%)
- Yellow (64%)
- Blue (85%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 164, 217 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 203, 164, 217 by changing the saturation by 10% instead.

 203, 164, 217

255, 255, 255

 255, 219, 255

 255, 248, 255

 203, 164, 217

 175, 138, 189

 148, 112, 162

 122, 87, 136

 97, 63, 110

 72, 41, 86

 49, 19, 62

 30, 0, 40

 0, 1, 18

 0, 0, 0

■ 203, 164, 217

■ 203, 164, 217

■ 197, 142, 217

■ 209, 186, 217

■ 192, 121, 217

■ 214, 207, 217

■ 186, 99, 217

■ 217, 229, 226

■ 180, 77, 217

■ 217, 251, 242

■ 174, 56, 217

■ 217, 255, 240

■ 169, 34, 217

■ 217, 255, 235

■ 163, 12, 217

■ 217, 255, 229

■ 160, 0, 217

■ 217, 255, 223

■ 217, 255, 217

Harmonies

Analogous

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



165, 173, 233



203, 164, 217



228, 157, 191

Triad

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



203, 164, 217



185, 209, 121



85, 140, 194

Complementary

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



203, 164, 217



164, 217, 203

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.



113, 162, 193



203, 164, 217



121, 181, 122

Square

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



203, 164, 217



229, 173, 135



138, 189, 180



87, 145, 220

Rectangle

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



203, 164, 217



235, 156, 171



138, 189, 180



93, 146, 194

Sweetspot

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



203, 164, 217



250, 237, 255



164, 175, 217



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 164, 217



235, 181, 255



217, 164, 205



107, 99, 110



128, 0, 173



34, 0, 46

Inverse Universe

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



217, 164, 178



255, 181, 201



164, 207, 217



110, 99, 102



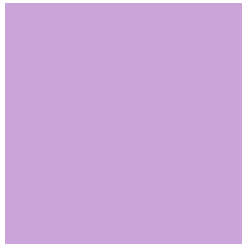
173, 0, 46



46, 0, 12

Previews

White Background



This preview shows how the RYB color 203, 164, 217 looks on a white background.

Color Contrast Check

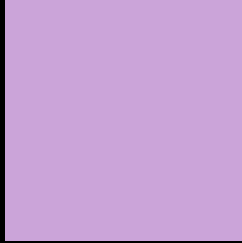
Large Text (above 18pt) WCAG AA × Fail

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 203, 164, 217 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 203, 164, 217 Background



This preview shows how black text looks on a background with the RYB color 203, 164, 217.

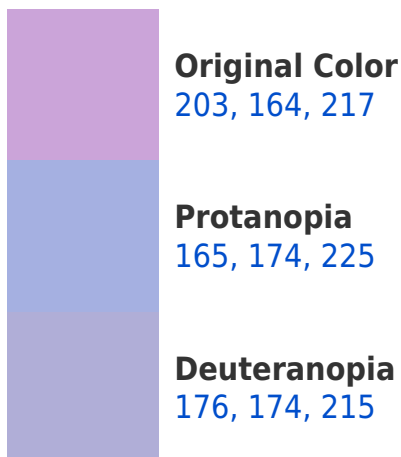



This preview shows how white text looks on a background with the RYB color 203, 164, 217.

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
198, 170, 183

Trichromacy



Original Color
203, 164, 217

Protanomaly
179, 172, 222

Deuteranomaly
186, 170, 216

Tritanomaly
200, 168, 195

Monochromacy



Original Color
203, 164, 217

Achromatopsia
182, 182, 182

Achromatomaly
190, 175, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 164, 217 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(203, 164, 217) looks like.

```
.text, #text, p{  
    color:rgb(203, 164, 217)  
}
```

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(203, 164, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 164, 217) }
```

Border

The CSS property to change the border of an element to RYB 203, 164, 217 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(203, 164, 217) }
```

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

```
.border{ border-color:rgb(203, 164, 217) }
```

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

Here you see how a box with a 4 pixel rgb(203, 164, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 164, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 164, 217);  
box-shadow:4px 4px 4px 4px rgb(203, 164,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 203, 164, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 164, 217) }
```

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

```
.background{ background-color: rgb(203,  
164, 217) }
```

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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