

Converting Colors

`RYB(215, 164, 209)`

Have a look what the booklet for
RYB(215, 164, 209) contains.

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Color

R_YB(215, 164, 209)

Conversions

Conversions Part 1

Format	Color
Hex	D7A4D1
RGB	215, 164, 209
RGB Percent	84%, 64%, 82%
CMY	0.1569, 0.3569, 0.1804
CMYK	0.00, 0.24, 0.03, 0.16
HSL	307°, 39%, 74%
HSV	307°, 24%, 84%
XYZ	52.8084, 45.6014, 66.3403
YIQ	184.3790, 15.9510, 24.8070

Conversions

Conversions Part 2

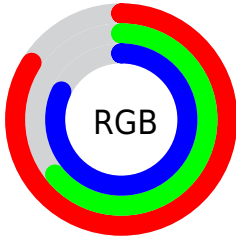
Format	Color
R _{YB}	215, 164, 209
Decimal	14132433
CIE Lab	73.29, 26.19, -15.61
CIE LCh	73, 30.492, 329.206
Yxy	45.6014, 0.3205, 0.2768
Android (android.graphics.Color)	4292322513 (0xFFD7A4D1)
YUV	184.3790, 12.1382, 26.8546
Hunter-Lab	67.5288, 21.4138, -10.9762

Details

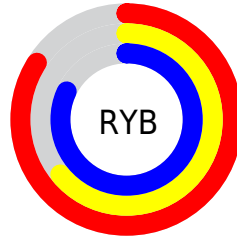
The RYB color **215, 164, 209** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164, 210, 215**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 219, 255**, and **160, 112, 155** is the 20% darker color. If you saturate the color by 10%, you get **215, 143, 206**, and if you desaturate by 10%, it is **215, 186, 212**.

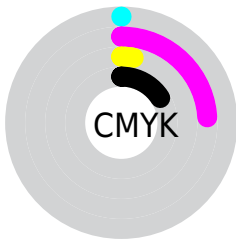
Distribution



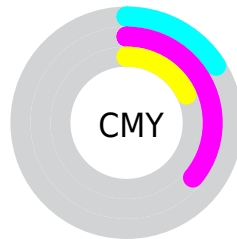
- Red (84%)
- Green (64%)
- Blue (82%)



- Red (84%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (24%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 164, 209 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 215, 164, 209 by changing the saturation by 10% instead.


 215, 164, 209


255, 255, 255


 255, 219, 255

 255, 248, 255

 215, 164, 209

 187, 137, 181

 160, 112, 155

 133, 87, 128

 107, 63, 103

 82, 40, 79

 58, 17, 56

 37, 0, 35

 0, 0, 10

 0, 0, 0

■ 215, 164, 209

■ 215, 164, 209

■ 215, 143, 206

■ 215, 186, 212

■ 215, 121, 204

■ 215, 207, 214

■ 215, 100, 201

■ 215, 227, 229

■ 215, 78, 199

■ 215, 246, 250

■ 215, 57, 196

■ 215, 249, 255

■ 215, 35, 194

■ 215, 248, 255

■ 215, 14, 191

■ 215, 246, 255

■ 215, 0, 190

■ 215, 245, 255

■ 215, 243, 255

Harmonies

Analogous

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



183, 173, 229



215, 164, 209



233, 159, 182

Triad

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



215, 164, 209



155, 200, 124



91, 146, 206

Complementary

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



215, 164, 209



164, 210, 215

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.



108, 156, 195



215, 164, 209



131, 186, 146

Square

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



215, 164, 209



223, 190, 133



139, 183, 193



106, 156, 227

Rectangle

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



215, 164, 209



236, 160, 163



139, 183, 193



94, 145, 197

Sweetspot

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



215, 164, 209



255, 237, 253



170, 164, 215



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



215, 164, 209



255, 184, 247



215, 164, 184



107, 96, 106



171, 0, 151



43, 0, 38

Inverse Universe

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



215, 164, 209



255, 184, 247



164, 196, 215



107, 96, 106



171, 0, 151



43, 0, 38

Previews

White Background



This preview shows how the RYB color 215, 164, 209 looks on a white background.

Color Contrast Check

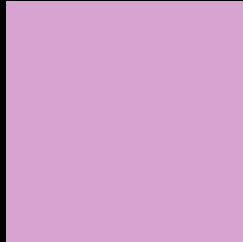
Large Text (above 18pt) WCAG AA × Fail

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 215, 164, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

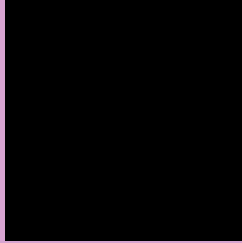
Any Text WCAG AA ✓ Pass

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 215, 164, 209 Background



This preview shows how black text looks on a background with the RYB color 215, 164, 209.



This preview shows how white text looks on a background with the RYB color 215, 164, 209.

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
215, 164, 209

Protanopia
171, 178, 219

Deuteranopia
185, 176, 207



Tritanopia
211, 169, 182

Trichromacy



Original Color
215, 164, 209

Protanomaly
187, 174, 215

Deuteranomaly
196, 172, 208

Tritanomaly
212, 167, 192

Monochromacy



Original Color
215, 164, 209

Achromatopsia
184, 184, 184

Achromatomaly
195, 177, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 164, 209 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(215, 164, 209) looks like.

```
.text, #text, p{  
    color:rgb(215, 164, 209)  
}
```

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(215, 164, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 164, 209) }
```

Border

The CSS property to change the border of an element to RYB 215, 164, 209 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(215, 164, 209) }
```

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

```
.border{ border-color:rgb(215, 164, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 164, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 164, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 164, 209);  
box-shadow:4px 4px 4px 4px rgb(215, 164,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 215, 164, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 164, 209) }
```

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

```
.background{ background-color: rgb(215,  
164, 209) }
```

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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