

Converting Colors

`RYB(204, 164, 239)`

Have a look what the booklet for
RYB(204, 164, 239) contains.

RYB(204, 164, 239)	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(204, 164, 239)

Conversions

Conversions Part 1

Format	Color
Hex	CCA4EF
RGB	204, 164, 239
RGB Percent	80%, 64%, 94%
CMY	0.2000, 0.3569, 0.0627
CMYK	0.15, 0.31, 0.00, 0.06
HSL	272°, 70%, 79%
HSV	272°, 31%, 94%
XYZ	53.7573, 45.6203, 87.6336
YIQ	184.5100, -0.2350, 31.8050

Conversions

Conversions Part 2

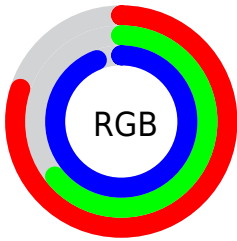
Format	Color
RYB	204, 164, 239
Decimal	13411567
CIELab	73.30, 28.59, -32.07
CIELCh	73, 42.965, 311.710
Yxy	45.6203, 0.2875, 0.2439
Android (android.graphics.Color)	4291601647 (0xFFCCA4EF)
YUV	184.5100, 26.8636, 17.0927
Hunter-Lab	67.5428, 23.8682, -29.6461

Details

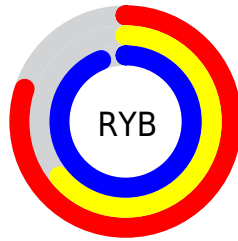
The RYB color **204, 164, 239** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164, 239, 204**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 219, 255**, and **149, 112, 183** is the 20% darker color. If you saturate the color by 10%, you get **193, 140, 239**, and if you desaturate by 10%, it is **215, 188, 239**.

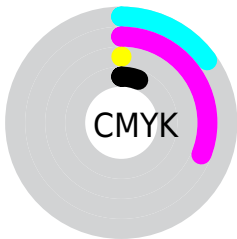
Distribution



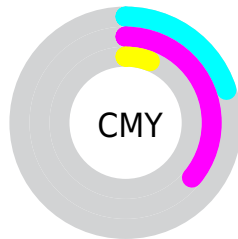
- Red (80%)
- Green (64%)
- Blue (94%)



- Red (80%)
- Yellow (64%)
- Blue (94%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (6%)




- Cyan (20%)
- Magenta (36%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 164, 239 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 204, 164, 239 by changing the saturation by 10% instead.

 204, 164, 239

 204, 164, 239

255, 255, 255

 176, 137, 211

 255, 219, 255

 149, 112, 183

 255, 248, 255

 122, 87, 156

 97, 63, 129

 72, 40, 104

 47, 18, 80

 25, 0, 56

 0, 2, 34

 0, 0, 8

■ 204, 164, 239

■ 204, 164, 239

■ 193, 140, 239

■ 215, 188, 239

■ 182, 116, 239

■ 226, 212, 239

■ 171, 92, 239

■ 237, 236, 239

■ 159, 68, 239

■ 239, 255, 245

■ 148, 45, 239

■ 239, 255, 239

■ 137, 21, 239

■ 127, 0, 239

Harmonies

Analogous

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



147, 172, 255



204, 164, 239



241, 152, 206

Triad

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



204, 164, 239



213, 226, 105



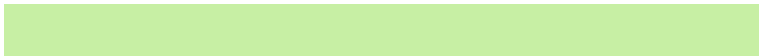
0, 102, 201

Complementary

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



204, 164, 239



164, 239, 204

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.



95, 161, 199



204, 164, 239



109, 190, 101

Square

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



204, 164, 239



249, 164, 129



120, 193, 166



0, 107, 231

Rectangle

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



204, 164, 239



254, 149, 179



120, 193, 166



49, 130, 201

Sweetspot

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



204, 164, 239



244, 232, 255



164, 188, 239



121, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 164, 239



210, 158, 255



239, 164, 236



114, 108, 120



98, 0, 184



30, 0, 56

Inverse Universe

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



239, 164, 199



255, 158, 203



164, 237, 239



120, 108, 113



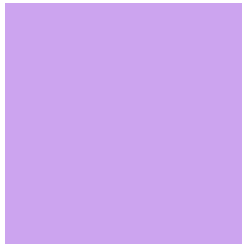
184, 0, 86



56, 0, 26

Previews

White Background



This preview shows how the RYB color 204, 164, 239 looks on a white background.

Color Contrast Check

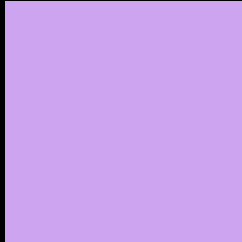
Large Text (above 18pt) WCAG AA × Fail

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 204, 164, 239 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 204, 164, 239 Background



This preview shows how black text looks on a background with the RYB color 204, 164, 239.

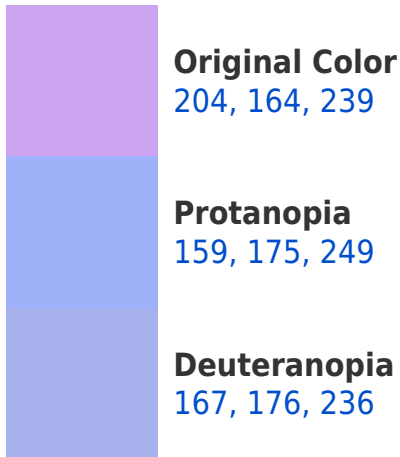


This preview shows how white text looks on a background with the RYB color 204, 164, 239.

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
196, 174, 188

Trichromacy



Original Color
204, 164, 239

Protanomaly
175, 173, 245

Deuteranomaly
180, 172, 237

Tritanomaly
199, 170, 207

Monochromacy



Original Color
204, 164, 239

Achromatopsia
185, 185, 185

Achromatomaly
192, 177, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 164, 239 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(204, 164, 239) looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 239)  
}
```

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(204, 164, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 239) }
```

Border

The CSS property to change the border of an element to RYB 204, 164, 239 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(204, 164, 239) }
```

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

```
.border{ border-color:rgb(204, 164, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 164, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 239);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 204, 164, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 164, 239) }
```

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

```
.background{ background-color: rgb(204,  
164, 239) }
```

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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