

Converting Colors

`RYB(197, 164, 204)`

Have a look what the booklet for RYB(197, 164, 204) contains.

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Color

R_YB(197, 164, 204)

Conversions

Conversions Part 1

Format	Color
Hex	C5A4CC
RGB	197, 164, 204
RGB Percent	77%, 64%, 80%
CMY	0.2275, 0.3569, 0.2000
CMYK	0.03, 0.20, 0.00, 0.20
HSL	290°, 28%, 72%
HSV	290°, 20%, 80%
XYZ	47.2005, 42.7809, 62.8965
YIQ	178.4270, 6.8280, 19.4360

Conversions

Conversions Part 2

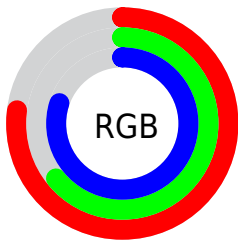
Format	Color
R _Y B	197, 164, 204
Decimal	12952780
CIE Lab	71.41, 19.20, -15.87
CIE LCh	71, 24.906, 320.431
Yxy	42.7809, 0.3087, 0.2798
Android (android.graphics.Color)	4291142860 (0xFFC5A4CC)
YUV	178.4270, 12.6075, 16.2885
Hunter-Lab	65.4071, 14.3507, -11.2293

Details

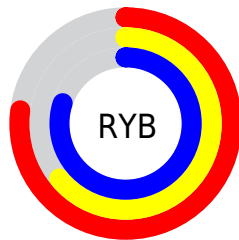
The RYB color **197, 164, 204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164, 204, 197**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **254, 219, 255**, and **143, 112, 150** is the 20% darker color. If you saturate the color by 10%, you get **193, 144, 204**, and if you desaturate by 10%, it is **201, 184, 204**.

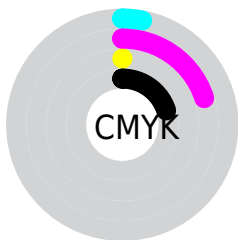
Distribution



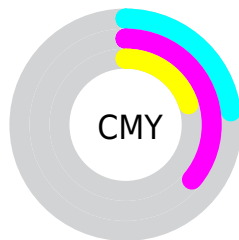
- Red (77%)
- Green (64%)
- Blue (80%)



- Red (77%)
- Yellow (64%)
- Blue (80%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)




- Cyan (23%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 164, 204 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 197, 164, 204 by changing the saturation by 10% instead.


 197, 164, 204

255, 255, 255

 254, 219, 255

 255, 248, 255

 197, 164, 204

 170, 138, 177

 143, 112, 150

 117, 87, 124

 92, 64, 99


 68, 41, 75

 45, 20, 52

 27, 0, 31


 0, 0, 3


 0, 0, 0

 197, 164, 204

 197, 164, 204

 193, 144, 204


 201, 184, 204

 190, 123, 204

 204, 205, 205

 186, 103, 204

 204, 225, 221

 183, 82, 204

 204, 246, 239

 179, 62, 204

 204, 255, 244

 176, 42, 204

 204, 255, 241

 172, 21, 204

 204, 255, 237

 168, 1, 204

 204, 255, 233

 168, 0, 204

 204, 255, 230

Harmonies

Analogous

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



169, 172, 217



197, 164, 204



215, 159, 183

Triad

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



197, 164, 204



175, 198, 130



110, 149, 190

Complementary

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



197, 164, 204



164, 204, 197

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.



125, 162, 187



197, 164, 204



132, 178, 135

Square

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



197, 164, 204



215, 174, 141



145, 184, 180



114, 155, 209

Rectangle

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



197, 164, 204



221, 158, 168



145, 184, 180



113, 152, 188

Sweetspot

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



197, 164, 204



252, 240, 255



164, 170, 204



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 164, 204



244, 194, 255



204, 164, 191



100, 92, 102



137, 0, 166



32, 0, 38

Inverse Universe

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



204, 164, 171



255, 194, 205



164, 194, 204



102, 92, 94



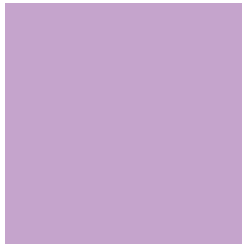
166, 0, 29



38, 0, 7

Previews

White Background



This preview shows how the RYB color 197, 164, 204 looks on a white background.

Color Contrast Check

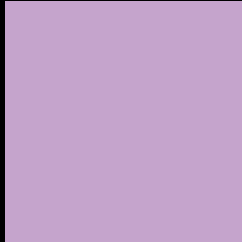
Large Text (above 18pt) WCAG AA × Fail

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 197, 164, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

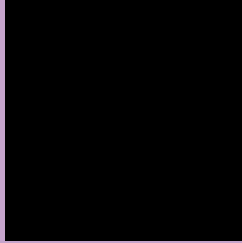
Any Text WCAG AA ✓ Pass

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](#).

RYP 197, 164, 204 Background



This preview shows how black text looks on a background with the RYB color 197, 164, 204.

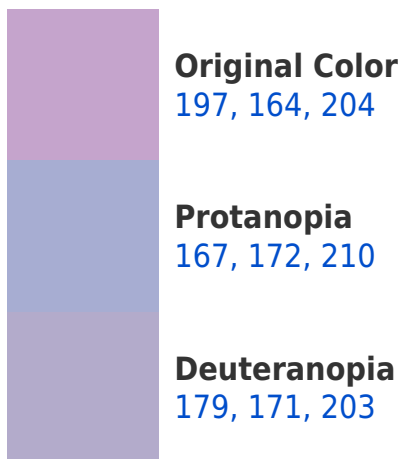



This preview shows how white text looks on a background with the RYB color 197, 164, 204.

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
194, 168, 181

Trichromacy



Original Color
197, 164, 204

Protanomaly
178, 170, 208

Deuteranomaly
186, 168, 203

Tritanomaly
195, 167, 189

Monochromacy



Original Color
197, 164, 204

Achromatopsia
178, 178, 178

Achromatomaly
185, 173, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 164, 204 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(197, 164, 204)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 204)  
}
```

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(197, 164, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 204) }
```

Border

The CSS property to change the border of an element to RYB 197, 164, 204 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(197, 164, 204) }
```

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

```
.border{ border-color:rgb(197, 164, 204) }
```

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

Here you see how a box with a 4 pixel rgb(197, 164, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 164, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 164, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 164,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 197, 164, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 204) }
```

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

```
.background{ background-color: rgb(197,  
164, 204) }
```

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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