

Converting Colors

`RYB(200, 164, 197)`

Have a look what the booklet for
RYB(200, 164, 197) contains.

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Color

R_YB(200, 164, 197)

Conversions

Conversions Part 1

Format	Color
Hex	C8A4C5
RGB	200, 164, 197
RGB Percent	78%, 64%, 77%
CMY	0.2157, 0.3569, 0.2275
CMYK	0.00, 0.18, 0.01, 0.22
HSL	305°, 25%, 71%
HSV	305°, 18%, 78%
XYZ	47.1729, 42.8615, 58.6101
YIQ	178.5260, 10.8630, 17.8950

Conversions

Conversions Part 2

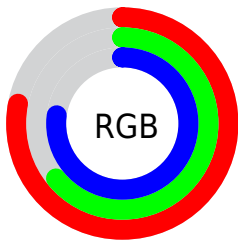
Format	Color
RYB	200, 164, 197
Decimal	13149381
CIELab	71.46, 18.89, -11.90
CIELCh	71, 22.321, 327.789
Yxy	42.8615, 0.3174, 0.2883
Android (android.graphics.Color)	4291339461 (0xFFC8A4C5)
YUV	178.5260, 9.1077, 18.8327
Hunter-Lab	65.4687, 14.0465, -7.2506

Details

The RYB color **200, 164, 197** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164, 197, 200**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 219, 254**, and **146, 112, 143** is the 20% darker color. If you saturate the color by 10%, you get **200, 144, 195**, and if you desaturate by 10%, it is **200, 184, 199**.

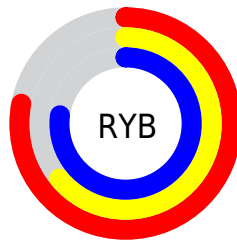
Distribution



Red (78%)

Green (64%)

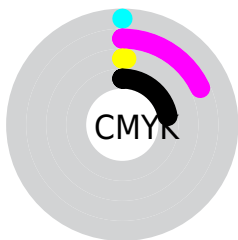
Blue (77%)



Red (78%)

Yellow (64%)

Blue (77%)

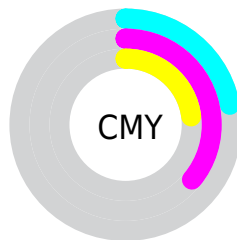


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 164, 197 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 200, 164, 197 by changing the saturation by 10% instead.

 200, 164, 197

255, 255, 255


 255, 219, 254

 255, 248, 255


 200, 164, 197

 172, 138, 170

 146, 112, 143

 120, 87, 118

 95, 64, 93

 71, 41, 69

 48, 20, 47

 29, 0, 27

 0, 0, 0

 200, 164, 197


 200, 164, 197

 200, 144, 195


 200, 184, 199

 200, 124, 194


 200, 204, 204

 200, 104, 192


 200, 222, 224

 200, 84, 190


 200, 240, 244

 200, 64, 189

 200, 250, 255

 200, 44, 187


 200, 249, 255

 200, 24, 185

 200, 247, 255

 200, 4, 184

 200, 247, 255

 200, 0, 183

 200, 245, 255

Harmonies

Analogous

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



177, 170, 211



200, 164, 197



214, 161, 177

Triad

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



200, 164, 197



164, 192, 135



118, 154, 193

Complementary

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



200, 164, 197



164, 197, 200

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.



127, 161, 187



200, 164, 197



139, 180, 149

Square

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



200, 164, 197



209, 181, 141



147, 179, 184



126, 160, 209

Rectangle

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



200, 164, 197



217, 161, 163



147, 179, 184



119, 153, 187

Sweetspot

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



200, 164, 197



255, 242, 254



167, 164, 200



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



200, 164, 197



255, 199, 250



200, 164, 179



99, 90, 99



163, 0, 150



36, 0, 33

Inverse Universe

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



200, 164, 197



255, 199, 250



164, 187, 200



99, 90, 99



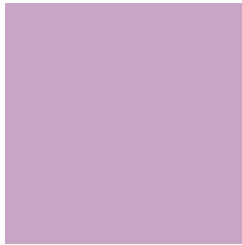
163, 0, 150



36, 0, 33

Previews

White Background



This preview shows how the RYB color 200, 164, 197 looks on a white background.

Color Contrast Check

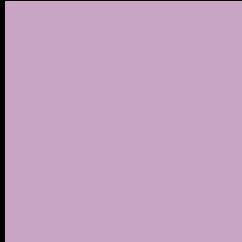
Large Text (above 18pt) WCAG AA × Fail

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 200, 164, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

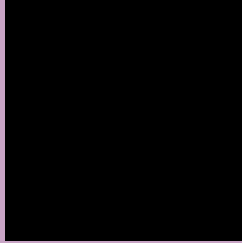
Any Text WCAG AA ✓ Pass

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 200, 164, 197 Background



This preview shows how black text looks on a background with the RYB color 200, 164, 197.



This preview shows how white text looks on a background with the RYB color 200, 164, 197.

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
200, 164, 197

Protanopia
170, 174, 203

Deuteranopia
183, 171, 196



Tritanopia
198, 167, 180

Trichromacy



Original Color
200, 164, 197

Protanomaly
181, 170, 201

Deuteranomaly
189, 168, 196

Tritanomaly
199, 166, 186

Monochromacy



Original Color
200, 164, 197

Achromatopsia
179, 179, 179

Achromatomaly
187, 174, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 164, 197 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(200, 164, 197) looks like.

```
.text, #text, p{  
    color:rgb(200, 164, 197)  
}
```

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(200, 164, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 164, 197) }
```

Border

The CSS property to change the border of an element to RYB 200, 164, 197 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(200, 164, 197) }
```

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

```
.border{ border-color:rgb(200, 164, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 164, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 164, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 164, 197);  
box-shadow:4px 4px 4px 4px rgb(200, 164,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 200, 164, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 164, 197) }
```

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

```
.background{ background-color: rgb(200,  
164, 197) }
```

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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