

Converting Colors

`RYB(213, 165, 197)`

Have a look what the booklet for RYB(213, 165, 197) contains.

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Color

R_YB(213, 165, 197)

Conversions

Conversions Part 1

Format	Color
Hex	D5A5C5
RGB	213, 165, 197
RGB Percent	84%, 65%, 77%
CMY	0.1647, 0.3529, 0.2275
CMYK	0.00, 0.23, 0.08, 0.16
HSL	320°, 36%, 74%
HSV	320°, 23%, 84%
XYZ	50.9737, 45.0876, 58.8395
YIQ	183.0000, 18.3360, 20.1280

Conversions

Conversions Part 2

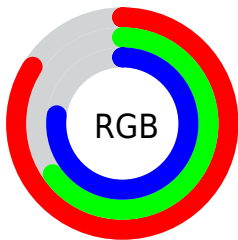
Format	Color
R _Y B	213, 165, 197
Decimal	14001605
CIE Lab	72.95, 22.83, -9.54
CIE LCh	73, 24.742, 337.312
Yxy	45.0876, 0.3291, 0.2911
Android (android.graphics.Color)	4292191685 (0xFFD5A5C5)
YUV	183.0000, 6.9020, 26.3100
Hunter-Lab	67.1473, 17.9975, -4.9512

Details

The RYB color **213, 165, 197** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165, 201, 213**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 220, 254**, and **158, 113, 143** is the 20% darker color. If you saturate the color by 10%, you get **213, 144, 190**, and if you desaturate by 10%, it is **213, 186, 204**.

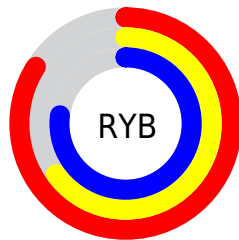
Distribution



Red (84%)

Green (65%)

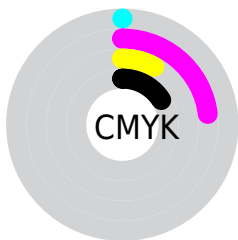
Blue (77%)



Red (84%)

Yellow (65%)

Blue (77%)

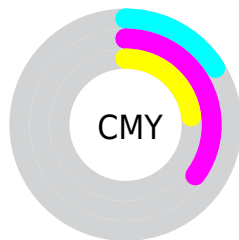


Cyan (0%)

Magenta (23%)

Yellow (8%)

Black (16%)



Cyan (16%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 165, 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 213, 165, 197 by changing the saturation by 10% instead.

 213, 165, 197

255, 255, 255


 255, 220, 254

 255, 249, 255


 213, 165, 197

 185, 138, 170

 158, 113, 143

 131, 88, 118

 106, 64, 93


 81, 41, 69

 57, 19, 47

 36, 0, 26

 0, 0, 0

 213, 165, 197

 213, 165, 197

213, 144, 190

213, 186, 204

213, 122, 183

213, 208, 211

213, 101, 176

213, 225, 229

213, 80, 169

213, 241, 250

213, 59, 162

213, 241, 255

213, 37, 154

213, 239, 255

213, 16, 147

213, 236, 255

213, 0, 142

213, 234, 255

213, 234, 255

Harmonies

Analogous

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



190, 171, 215



213, 165, 197



225, 163, 174

Triad

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



213, 165, 197



148, 190, 134



114, 156, 206

Complementary

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



213, 165, 197



165, 201, 213

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.



119, 158, 192



213, 165, 197



143, 186, 164

Square

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



213, 165, 197



211, 202, 138



139, 175, 190



130, 165, 220

Rectangle

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



213, 165, 197



225, 164, 159



139, 175, 190



114, 154, 199

Sweetspot

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



213, 165, 197



255, 237, 249



181, 165, 213



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

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



213, 165, 197



255, 186, 232



213, 165, 173



107, 96, 104



171, 0, 114



43, 0, 29

Inverse Universe

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



213, 165, 197



255, 186, 232



165, 191, 213



107, 96, 104



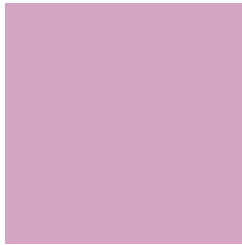
171, 0, 114



43, 0, 29

Previews

White Background



This preview shows how the RYB color 213, 165, 197 looks on a white background.

Color Contrast Check

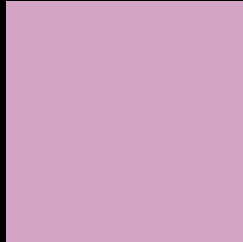
Large Text (above 18pt) WCAG AA × Fail

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 213, 165, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

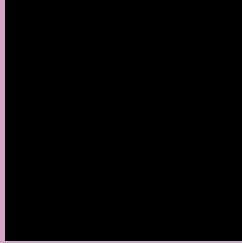
Any Text WCAG AA ✓ Pass

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](#).

R Y B 213, 165, 197 Background



This preview shows how black text looks on a background with the RYB color 213, 165, 197.



This preview shows how white text looks on a background with the RYB color 213, 165, 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
213, 165, 197

Protanopia
175, 178, 205

Deuteranopia
189, 174, 195



Tritanopia
211, 168, 181

Trichromacy



Original Color
213, 165, 197

Protanomaly
189, 173, 202

Deuteranomaly
198, 171, 196

Tritanomaly
212, 167, 187

Monochromacy



Original Color
213, 165, 197

Achromatopsia
183, 183, 183

Achromatomaly
194, 176, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 165, 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(213, 165, 197) looks like.

```
.text, #text, p{  
    color:rgb(213, 165, 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(213, 165, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 165, 197) }
```

Border

The CSS property to change the border of an element to RYB 213, 165, 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(213, 165, 197) }
```

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

```
.border{ border-color:rgb(213, 165, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 165, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 165, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 165, 197);  
box-shadow:4px 4px 4px 4px rgb(213, 165,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 213, 165, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 165, 197) }
```

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

```
.background{ background-color: rgb(213,  
165, 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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