

Converting Colors

`RYB(192, 165, 198)`

Have a look what the booklet for RYB(192, 165, 198) contains.

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Color

R_YB(192, 165, 198)

Conversions

Conversions Part 1

Format	Color
Hex	C0A5C6
RGB	192, 165, 198
RGB Percent	75%, 65%, 78%
CMY	0.2471, 0.3529, 0.2235
CMYK	0.03, 0.17, 0.00, 0.22
HSL	289°, 22%, 71%
HSV	289°, 17%, 78%
XYZ	45.3864, 42.1940, 59.1782
YIQ	176.8350, 5.4990, 15.9870

Conversions

Conversions Part 2

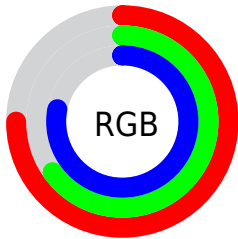
Format	Color
RYB	192, 165, 198
Decimal	12625350
CIELab	71.00, 15.79, -13.21
CIELCh	71, 20.587, 320.088
Yxy	42.1940, 0.3093, 0.2875
Android (android.graphics.Color)	4290815430 (0xFFC0A5C6)
YUV	176.8350, 10.4343, 13.2997
Hunter-Lab	64.9569, 11.0463, -8.5457

Details

The RYB color **192, 165, 198** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165, 198, 192**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **249, 220, 255**, and **138, 113, 144** is the 20% darker color. If you saturate the color by 10%, you get **188, 145, 198**, and if you desaturate by 10%, it is **196, 185, 198**.

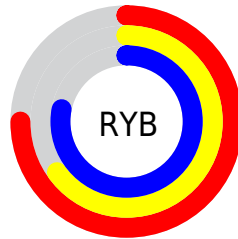
Distribution



Red (75%)

Green (65%)

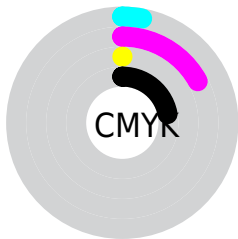
Blue (78%)



Red (75%)

Yellow (65%)

Blue (78%)

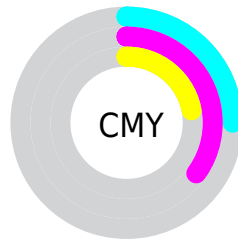


Cyan (3%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 165, 198 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 192, 165, 198 by changing the saturation by 10% instead.

 192, 165, 198

255, 255, 255

 249, 220, 255

 255, 249, 255

 192, 165, 198

 165, 139, 171

 138, 113, 144

 113, 88, 118

 88, 65, 94


 64, 43, 70

 42, 22, 48

 24, 0, 27

 0, 0, 0

 192, 165, 198

 192, 165, 198

188, 145, 198

196, 185, 198

185, 125, 198

198, 205, 204

181, 106, 198

198, 224, 219

178, 86, 198

198, 244, 236

174, 66, 198

198, 255, 243

170, 46, 198

198, 255, 239

167, 26, 198

198, 255, 236

163, 7, 198

198, 255, 232

162, 0, 198

198, 255, 229

Harmonies

Analogous

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



169, 171, 209



192, 165, 198



208, 161, 181

Triad

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



192, 165, 198



178, 194, 137



123, 154, 186

Complementary

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



192, 165, 198



165, 198, 192

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.



134, 164, 184



192, 165, 198



138, 177, 140

Square

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



192, 165, 198



208, 173, 146



149, 181, 177



126, 158, 202

Rectangle

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



192, 165, 198



212, 161, 168



149, 181, 177



125, 156, 185

Sweetspot

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



192, 165, 198



253, 242, 255



165, 170, 198



126, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 165, 198



246, 204, 255



198, 165, 188



98, 90, 99



134, 0, 163



29, 0, 36

Inverse Universe

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



198, 165, 171



255, 204, 213



165, 190, 198



99, 90, 91



163, 0, 30



36, 0, 6

Previews

White Background



This preview shows how the RYB color 192, 165, 198 looks on a white background.

Color Contrast Check

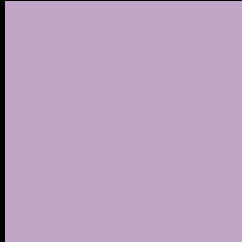
Large Text (above 18pt) WCAG AA × Fail

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 192, 165, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

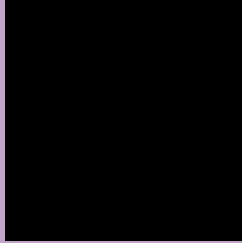
Any Text WCAG AA ✓ Pass

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 192, 165, 198 Background



This preview shows how black text looks on a background with the RYB color 192, 165, 198.



This preview shows how white text looks on a background with the RYB color 192, 165, 198.

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
192, 165, 198

Protanopia
168, 172, 203

Deuteranopia
180, 169, 197



Tritanopia
189, 168, 181

Trichromacy



Original Color

192, 165, 198

Protanomaly

177, 169, 201

Deuteranomaly

184, 168, 197

Tritanomaly

190, 167, 187

Monochromacy



Original Color

192, 165, 198

Achromatopsia

177, 177, 177

Achromatomaly

182, 173, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 165, 198 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(192, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 198)  
}
```

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(192, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 198) }
```

Border

The CSS property to change the border of an element to RYB 192, 165, 198 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(192, 165, 198) }
```

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

```
.border{ border-color:rgb(192, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 192, 165, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 198) }
```

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

```
.background{ background-color: rgb(192,  
165, 198) }
```

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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