

Converting Colors

`RYB(198, 117, 193)`

Have a look what the booklet for
RYB(198, 117, 193) contains.

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Color

R_YB(198, 117, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C675C1
RGB	198, 117, 193
RGB Percent	78%, 46%, 76%
CMY	0.2235, 0.5412, 0.2431
CMYK	0.00, 0.41, 0.03, 0.22
HSL	304°, 42%, 62%
HSV	304°, 41%, 78%
XYZ	39.2756, 28.5786, 53.8982
YIQ	149.8830, 23.8800, 40.8080

Conversions

Conversions Part 2

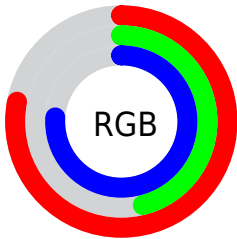
Format	Color
R _Y B	198, 117, 193
Decimal	13006273
CIE _{Lab}	60.41, 43.07, -26.47
CIE _{LCh}	60, 50.559, 328.426
Yxy	28.5786, 0.3226, 0.2347
Android (android.graphics.Color)	4291196353 (0xFFC675C1)
YUV	149.8830, 21.2567, 42.1986
Hunter-Lab	53.4590, 37.5886, -22.3559

Details

The RYB color **198, 117, 193** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **117, 193, 198**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 171, 250**, and **142, 65, 139** is the 20% darker color. If you saturate the color by 10%, you get **198, 97, 192**, and if you desaturate by 10%, it is **198, 137, 194**.

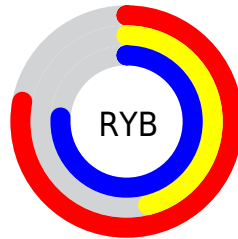
Distribution



Red (78%)

Green (46%)

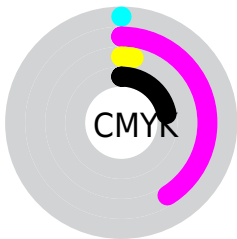
Blue (76%)



Red (78%)

Yellow (46%)

Blue (76%)

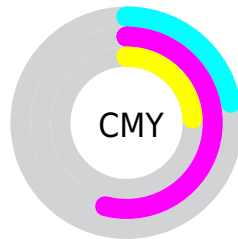


Cyan (0%)

Magenta (41%)

Yellow (3%)

Black (22%)



Cyan (22%)

Magenta (54%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 117, 193 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 198, 117, 193 by changing the saturation by 10% instead.

 198, 117, 193


255, 255, 255

 255, 171, 250

 255, 199, 255


 255, 227, 255

 198, 117, 193

 170, 91, 166

 142, 65, 139

 116, 40, 114

 90, 10, 89

 64, 0, 65


 43, 0, 43

 0, 0, 21


 0, 0, 0

 198, 117, 193


 198, 117, 193

 198, 97, 192

 198, 137, 194

 198, 77, 191


 198, 157, 195

 198, 58, 189

 198, 176, 197

 198, 38, 188

 198, 196, 198

 198, 18, 187

 198, 215, 216

 198, 0, 186

 198, 234, 236

 198, 251, 255

 198, 250, 255

 198, 250, 255

Harmonies

Analogous

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



144, 135, 224



198, 117, 193



225, 106, 150

Triad

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



198, 117, 193



94, 173, 52



0, 88, 187

Complementary

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



198, 117, 193



117, 193, 198

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.



0, 90, 167



198, 117, 193



63, 156, 91

Square

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



198, 117, 193



207, 165, 70



69, 142, 164



0, 93, 221

Rectangle

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



198, 117, 193



228, 108, 120



69, 142, 164



0, 85, 172

Sweetspot

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



198, 117, 193



255, 224, 253



121, 117, 198



128, 110, 126



0, 0, 0



128, 128, 128

Same Dimension

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



198, 117, 193



255, 130, 247



198, 117, 153



99, 90, 99



163, 0, 153



36, 0, 33

Inverse Universe

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



198, 117, 193



255, 130, 247



117, 169, 198



99, 90, 99



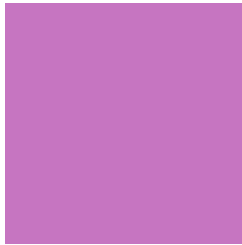
163, 0, 153



36, 0, 33

Previews

White Background



This preview shows how the RYB color 198, 117, 193 looks on a white background.

Color Contrast Check

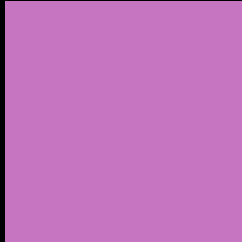
Large Text (above 18pt) WCAG AA ✓ Pass

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 198, 117, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

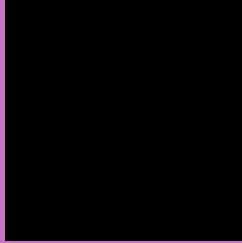
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 198, 117, 193 Background



This preview shows how black text looks on a background with the RYB color 198, 117, 193.

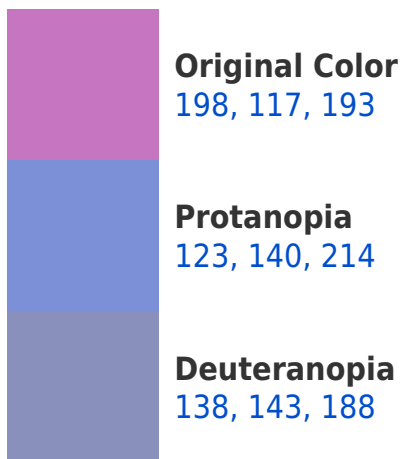


This preview shows how white text looks on a background with the RYB color 198, 117, 193.

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

191, 129, 138

Trichromacy



Original Color

198, 117, 193



Protanomaly

150, 134, 206



Deuteranomaly

160, 134, 190



Tritanomaly

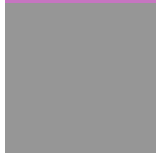
194, 125, 158

Monochromacy



Original Color

198, 117, 193



Achromatopsia

150, 150, 150



Achromatomaly

167, 138, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 117, 193 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(198, 117, 193)` looks like.

```
.text, #text, p{  
    color:rgb(198, 117, 193)  
}
```

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(198, 117, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 117, 193) }
```

Border

The CSS property to change the border of an element to RYB 198, 117, 193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

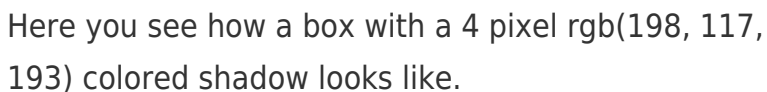
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 117, 193) }
```

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

```
.border{ border-color:rgb(198, 117, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 117, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 117, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 117, 193); box-shadow:4px 4px 4px 4px rgb(198, 117, 193) }
```

Background

The CSS property to change the background color of an element to RYB 198, 117, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 117, 193) }
```

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

```
.background{ background-color: rgb(198,  
117, 193) }
```

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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