

Converting Colors

`RYB(198, 104, 121)`

Have a look what the booklet for
RYB(198, 104, 121) contains.

RYB(198, 104, 121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(198, 104, 121)

Conversions

Conversions Part 1

Format	Color
Hex	C66879
RGB	198, 104, 121
RGB Percent	78%, 41%, 47%
CMY	0.2235, 0.5922, 0.5255
CMYK	0.00, 0.47, 0.39, 0.22
HSL	349°, 45%, 59%
HSV	349°, 47%, 78%
XYZ	31.6902, 23.2869, 20.9137
YIQ	134.0440, 50.5670, 25.2150

Conversions

Conversions Part 2

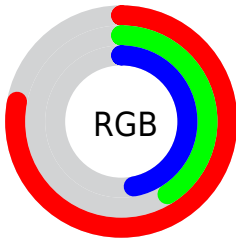
Format	Color
R_{YB}	198, 104, 121
Decimal	13002873
CIE _{Lab}	55.37, 39.09, 7.65
CIE _{LCh}	55, 39.836, 11.073
Yxy	23.2869, 0.4176, 0.3068
Android (android.graphics.Color)	4291192953 (0xFFC66879)
YUV	134.0440, -6.4307, 56.0894
Hunter-Lab	48.2565, 32.7728, 8.0840

Details

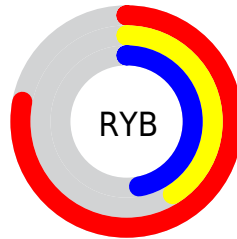
The RYB color **198, 104, 121** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **104, 156, 198**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 157, 173**, and **141, 53, 73** is the 20% darker color. If you saturate the color by 10%, you get **198, 84, 105**, and if you desaturate by 10%, it is **198, 124, 137**.

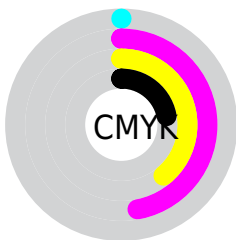
Distribution



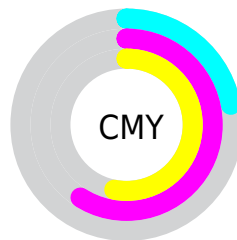
- Red (78%)
- Green (41%)
- Blue (47%)



- Red (78%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (47%)
- Yellow (39%)
- Black (22%)



- Cyan (22%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 104, 121 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, 104, 121 by changing the saturation by 10% instead.

 198, 104, 121


255, 255, 255

 255, 157, 173

 255, 185, 201

 255, 213, 229

 255, 242, 255

 198, 104, 121

 169, 78, 96

 141, 53, 73

 113, 27, 50

 86, 0, 29

 61, 0, 3


 33, 0, 1

 0, 0, 0

 198, 104, 121

 198, 84, 105


 198, 104, 121

 198, 124, 137

 198, 64, 89

 198, 144, 153

 198, 45, 72

 198, 163, 170

 198, 25, 56

 198, 183, 186

 198, 5, 40

 198, 201, 203

 198, 0, 36

 198, 212, 223

 198, 223, 243

 198, 228, 255

 198, 227, 255

Harmonies

Analogous

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



185, 107, 156



198, 104, 121



192, 117, 89

Triad

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



198, 104, 121



79, 144, 120



0, 83, 197

Complementary

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



198, 104, 121



104, 156, 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, 81, 177



198, 104, 121



53, 114, 149

Square

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



198, 104, 121



70, 141, 63



0, 76, 150



99, 124, 200

Rectangle

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



198, 104, 121



180, 154, 73



0, 76, 150



0, 83, 192

Sweetspot

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



198, 104, 121



255, 219, 226



181, 104, 198



128, 106, 110



0, 0, 0



128, 128, 128

Same Dimension

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



198, 104, 121



255, 110, 136



198, 148, 104



99, 90, 91



163, 0, 30



36, 0, 6

Inverse Universe

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



198, 104, 121



255, 110, 136



104, 142, 198



99, 90, 91



163, 0, 30



36, 0, 6

Previews

White Background



This preview shows how the RYB color 198, 104, 121 looks on a white background.

Color Contrast Check

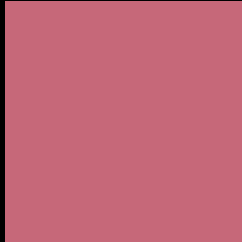
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104, 121 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, 104, 121 Background



This preview shows how black text looks on a background with the RYB color 198, 104, 121.

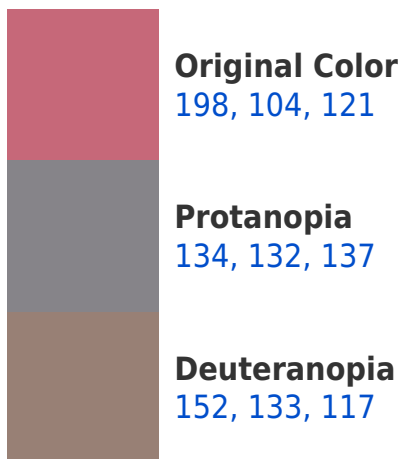



This preview shows how white text looks on a background with the RYB color 198, 104, 121.

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
197, 105, 113

Trichromacy



Original Color

198, 104, 121

Protanomaly

157, 122, 131

Deuteranomaly

169, 119, 118

Tritanomaly

197, 105, 116

Monochromacy



Original Color

198, 104, 121

Achromatopsia

134, 134, 134

Achromatomaly

157, 123, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 104, 121 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, 104, 121)` looks like.

```
.text, #text, p{  
    color:rgb(198, 104, 121)  
}
```

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, 104, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 104, 121) }
```

Border

The CSS property to change the border of an element to RYB 198, 104, 121 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, 104, 121) }
```

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

```
.border{ border-color:rgb(198, 104, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 104, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 104, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 104, 121);  
box-shadow:4px 4px 4px 4px rgb(198, 104,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 198, 104, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 104, 121) }
```

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

```
.background{ background-color: rgb(198,  
104, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor