

Converting Colors

`RYB(199, 168, 178)`

Have a look what the booklet for
RYB(199, 168, 178) contains.

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Color

R_YB(199, 168, 178)

Conversions

Conversions Part 1

Format	Color
Hex	C7A8B2
RGB	199, 168, 178
RGB Percent	78%, 66%, 70%
CMY	0.2196, 0.3412, 0.3020
CMYK	0.00, 0.16, 0.11, 0.22
HSL	341°, 22%, 72%
HSV	341°, 16%, 78%
XYZ	45.5917, 43.3617, 48.0862
YIQ	178.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

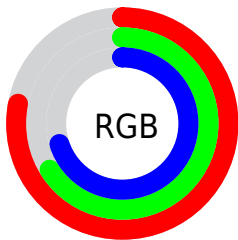
Format	Color
R _Y B	199, 168, 178
Decimal	13084850
CIE Lab	71.80, 12.95, -0.93
CIE LCh	72, 12.984, 355.906
Yxy	43.3617, 0.3327, 0.3164
Android (android.graphics.Color)	4291274930 (0xFFC7A8B2)
YUV	178.4090, -0.2016, 18.0583
Hunter-Lab	65.8496, 8.3496, 2.7987

Details

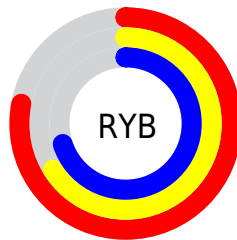
The RYB color **199, 168, 178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168, 186, 199**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 223, 234**, and **145, 116, 125** is the 20% darker color. If you saturate the color by 10%, you get **199, 148, 165**, and if you desaturate by 10%, it is **199, 188, 191**.

Distribution



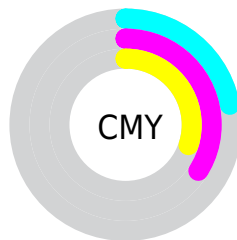
- Red (78%)
- Green (66%)
- Blue (70%)



- Red (78%)
- Yellow (66%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the RYB color 199, 168, 178 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 199, 168, 178 by changing the saturation by 10% instead.

 199, 168, 178

 199, 168, 178

255, 255, 255

 172, 142, 151

 255, 223, 234


 145, 116, 125

 255, 252, 255

 119, 91, 100

 94, 68, 77

 70, 45, 54

 47, 24, 33

 28, 0, 9

 0, 0, 0

 199, 168, 178

 199, 168, 178

199, 148, 165

199, 188, 191

199, 128, 151

199, 204, 208

199, 108, 138

199, 217, 228

199, 88, 124

199, 228, 248

199, 69, 111

199, 230, 255

199, 49, 97

199, 227, 255

199, 29, 84

199, 9, 70

199, 0, 64

Harmonies

Analogous

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



190, 170, 189



199, 168, 178



201, 168, 166

Triad

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



199, 168, 178



155, 178, 159



150, 168, 195

Complementary

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



199, 168, 178



168, 186, 199

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.



146, 165, 186



199, 168, 178



161, 180, 181

Square

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



199, 168, 178



172, 187, 153



150, 169, 183



161, 172, 199

Rectangle

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



199, 168, 178



199, 174, 159



150, 169, 183



148, 167, 192

Sweetspot

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



199, 168, 178



255, 242, 246



189, 168, 199



128, 120, 122



0, 0, 0



128, 128, 128

Same Dimension

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



199, 168, 178



255, 207, 222



199, 174, 168



99, 90, 93



163, 0, 53



36, 0, 12

Inverse Universe

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



199, 168, 178



255, 207, 222



168, 182, 199



99, 90, 93



163, 0, 53



36, 0, 12

Previews

White Background



This preview shows how the RYB color 199, 168, 178 looks on a white background.

Color Contrast Check

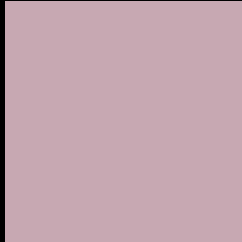
Large Text (above 18pt) WCAG AA × Fail

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 199, 168, 178 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 199, 168, 178 Background



This preview shows how black text looks on a background with the R Y B color 199, 168, 178.




This preview shows how white text looks on a background with the R Y B color 199, 168, 178.

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 199, 168, 178
	Protanopia 177, 175, 182
	Deuteranopia 192, 171, 178



Tritanopia
199, 168, 181

Trichromacy



Original Color
199, 168, 178

Protanomaly
185, 172, 181

Deuteranomaly
195, 170, 178

Tritanomaly
199, 168, 180

Monochromacy



Original Color
199, 168, 178

Achromatopsia
178, 178, 178

Achromatomaly
186, 174, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 168, 178 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(199, 168, 178) looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 178)  
}
```

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(199, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 178) }
```

Border

The CSS property to change the border of an element to RYB 199, 168, 178 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(199, 168, 178) }
```

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

```
.border{ border-color:rgb(199, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 199, 168, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 178) }
```

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

```
.background{ background-color: rgb(199,  
168, 178) }
```

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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