

Converting Colors

`RYB(201, 122, 178)`

Have a look what the booklet for
RYB(201, 122, 178) contains.

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Color

R_YB(201, 122, 178)

Conversions

Conversions Part 1

Format	Color
Hex	C97AB2
RGB	201, 122, 178
RGB Percent	79%, 48%, 70%
CMY	0.2118, 0.5216, 0.3020
CMYK	0.00, 0.39, 0.11, 0.21
HSL	317°, 42%, 63%
HSV	317°, 39%, 79%
XYZ	39.0828, 29.5509, 45.7635
YIQ	152.0050, 29.1080, 34.1640

Conversions

Conversions Part 2

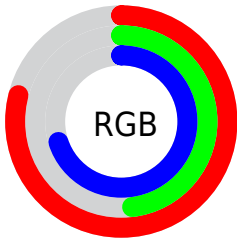
Format	Color
R_{YB}	201, 122, 178
Decimal	13204146
CIE _{Lab}	61.26, 38.77, -16.60
CIE _{LCh}	61, 42.174, 336.824
Yxy	29.5509, 0.3416, 0.2583
Android (android.graphics.Color)	4291394226 (0xFFC97AB2)
YUV	152.0050, 12.8155, 42.9686
Hunter-Lab	54.3608, 33.2017, -11.8606

Details

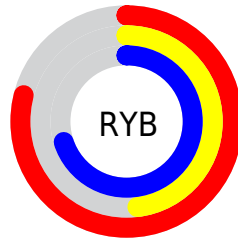
The RYB color **201, 122, 178** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **122, 183, 201**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 176, 234**, and **145, 71, 125** is the 20% darker color. If you saturate the color by 10%, you get **201, 102, 172**, and if you desaturate by 10%, it is **201, 142, 184**.

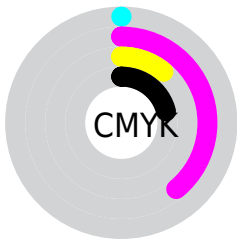
Distribution



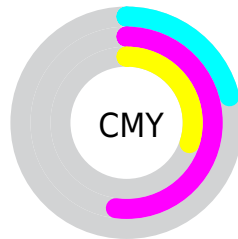
- Red (79%)
- Green (48%)
- Blue (70%)



- Red (79%)
- Yellow (48%)
- Blue (70%)



- Cyan (0%)
- Magenta (39%)
- Yellow (11%)
- Black (21%)



- Cyan (21%)
- Magenta (52%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 122, 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 201, 122, 178 by changing the saturation by 10% instead.

 201, 122, 178

255, 255, 255


 255, 176, 234

 255, 204, 255


 255, 232, 255

 201, 122, 178

 173, 96, 151

 145, 71, 125

 119, 46, 100

 93, 20, 76

 67, 0, 53


 46, 0, 32


 1, 0, 4


 0, 0, 0


 201, 122, 178


 201, 122, 178


 201, 102, 172


 201, 142, 184


 201, 82, 166


 201, 162, 190

 201, 62, 160


 201, 182, 196

 201, 42, 155


 201, 202, 202

 201, 22, 149

 201, 218, 223

 201, 1, 143

 201, 234, 243

 201, 0, 142

 201, 242, 255

 201, 238, 255

 201, 236, 255

Harmonies

Analogous

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



162, 135, 208



201, 122, 178



218, 117, 141

Triad

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



201, 122, 178



87, 162, 72



0, 89, 191

Complementary

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



201, 122, 178



122, 183, 201

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, 86, 167



201, 122, 178



86, 159, 122

Square

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



201, 122, 178



194, 188, 79



73, 135, 165



0, 92, 216

Rectangle

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



201, 122, 178



218, 120, 116



73, 135, 165



0, 87, 180

Sweetspot

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



201, 122, 178



255, 224, 246



144, 122, 201



128, 110, 122



0, 0, 0



128, 128, 128

Same Dimension

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



201, 122, 178



255, 135, 220



201, 122, 139



99, 90, 97



163, 0, 116



36, 0, 25

Inverse Universe

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



201, 122, 178



255, 135, 220



122, 166, 201



99, 90, 97



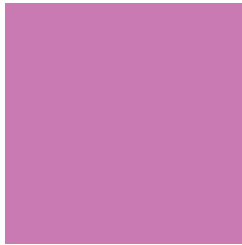
163, 0, 116



36, 0, 25

Previews

White Background



This preview shows how the RYB color 201, 122, 178 looks on a white background.

Color Contrast Check

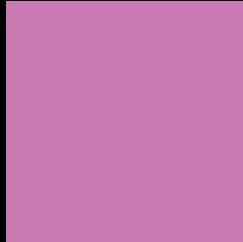
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 122, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

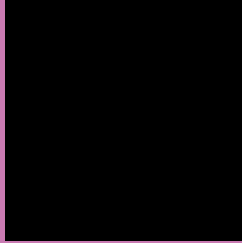
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 201, 122, 178 Background



This preview shows how black text looks on a background with the RYB color 201, 122, 178.

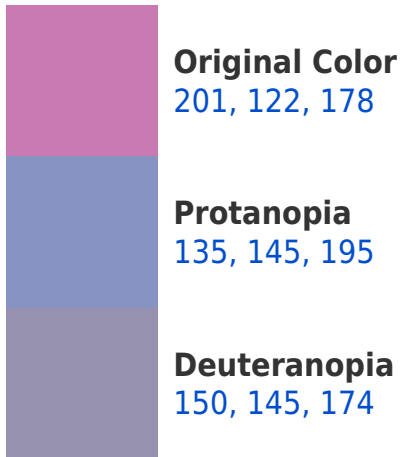



This preview shows how white text looks on a background with the RYB color 201, 122, 178.

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





Tritanopia
197, 130, 139

Trichromacy



Original Color

201, 122, 178



Protanomaly

159, 138, 189



Deuteranomaly

169, 137, 175



Tritanomaly

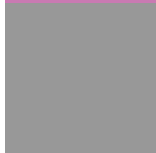
198, 127, 153

Monochromacy



Original Color

201, 122, 178



Achromatopsia

152, 152, 152



Achromatomaly

170, 141, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 122, 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(201, 122, 178) looks like.

```
.text, #text, p{  
    color:rgb(201, 122, 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(201, 122, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 122, 178) }
```

Border

The CSS property to change the border of an element to RYB 201, 122, 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(201, 122, 178) }
```

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

```
.border{ border-color:rgb(201, 122, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 122, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 122, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 122, 178); box-shadow:4px 4px 4px 4px rgb(201, 122, 178) }
```

Background

The CSS property to change the background color of an element to RGB 201, 122, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 122, 178) }
```

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

```
.background{ background-color: rgb(201,  
122, 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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