

Converting Colors

`RYB(170, 141, 178)`

Have a look what the booklet for RYB(170, 141, 178) contains.

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Color

R_YB(170, 141, 178)

Conversions

Conversions Part 1

Format	Color
Hex	AA8DB2
RGB	170, 141, 178
RGB Percent	67%, 55%, 70%
CMY	0.3333, 0.4471, 0.3020
CMYK	0.04, 0.21, 0.00, 0.30
HSL	287°, 19%, 63%
HSV	287°, 21%, 70%
XYZ	34.1383, 30.8102, 46.2671
YIQ	153.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

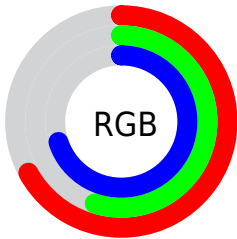
Format	Color
RYB	170, 141, 178
Decimal	11177394
CIELab	62.35, 17.71, -15.28
CIELCh	62, 23.393, 319.220
Yxy	30.8102, 0.3070, 0.2770
Android (android.graphics.Color)	4289367474 (0xFFAA8DB2)
YUV	153.8890, 11.8867, 14.1293
Hunter-Lab	55.5069, 12.6455, -10.5657

Details

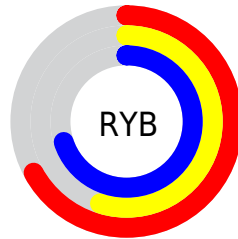
The RYB color **170, 141, 178** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 178, 170**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **226, 195, 234**, and **118, 91, 125** is the 20% darker color. If you saturate the color by 10%, you get **166, 123, 178**, and if you desaturate by 10%, it is **174, 159, 178**.

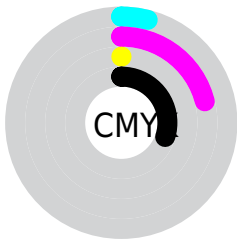
Distribution



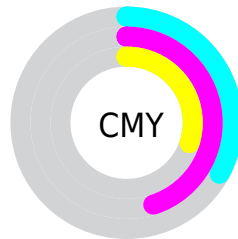
- Red (67%)
- Green (55%)
- Blue (70%)



- Red (67%)
- Yellow (55%)
- Blue (70%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)



- Cyan (33%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 141, 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 170, 141, 178 by changing the saturation by 10% instead.

 170, 141, 178

255, 255, 255

 226, 195, 234

 254, 223, 255

 255, 251, 255

 170, 141, 178

 143, 115, 151

 118, 91, 125

 93, 67, 100


 69, 44, 76

 46, 23, 53

 27, 0, 32

 0, 0, 5


 0, 0, 0


 170, 141, 178

 170, 141, 178

 166, 123, 178


 174, 159, 178

 162, 105, 178


 178, 177, 178

 158, 88, 178

 178, 194, 190

 155, 70, 178


 178, 212, 205

 151, 52, 178

 178, 230, 219

 147, 34, 178

 178, 248, 233

 143, 16, 178

 178, 255, 236

 140, 0, 178

 178, 255, 232

 178, 255, 228

Harmonies

Analogous

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



144, 148, 190



170, 141, 178



187, 136, 159

Triad

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



170, 141, 178



154, 173, 110



91, 127, 164

Complementary

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



170, 141, 178



141, 178, 170

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.



106, 140, 162



170, 141, 178



111, 154, 113

Square

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



170, 141, 178



188, 148, 120



123, 159, 154



93, 131, 181

Rectangle

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



170, 141, 178



192, 136, 145



123, 159, 154



94, 129, 162

Sweetspot

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



170, 141, 178



229, 218, 232



141, 148, 178



116, 109, 117



245, 245, 245



117, 117, 117

Same Dimension

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



170, 141, 178



220, 174, 232



178, 141, 168



87, 80, 89



120, 0, 153



20, 0, 26

Inverse Universe

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



178, 141, 149



232, 174, 187



141, 170, 178



89, 80, 82



153, 0, 33



26, 0, 6

Previews

White Background



This preview shows how the RYB color 170, 141, 178 looks on a white background.

Color Contrast Check

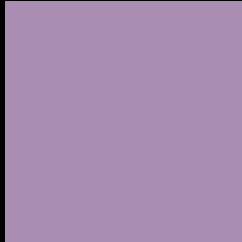
Large Text (above 18pt) WCAG AA × Fail

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 170, 141, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

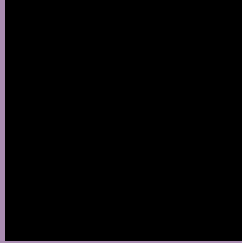
Any Text WCAG AA ✓ Pass

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](#).

RYB 170, 141, 178 Background



This preview shows how black text looks on a background with the RYB color 170, 141, 178.

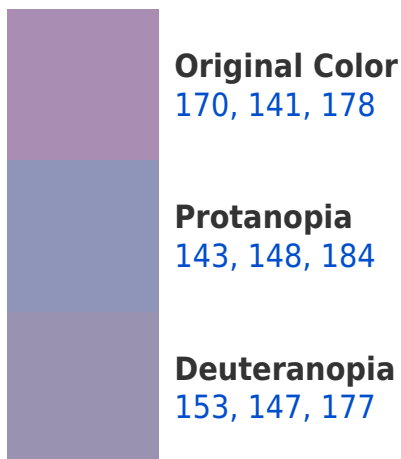



This preview shows how white text looks on a background with the RYB color 170, 141, 178.

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
167, 145, 156

Trichromacy



Original Color

170, 141, 178

Protanomaly

153, 146, 182

Deuteranomaly

159, 145, 177

Tritanomaly

168, 144, 164

Monochromacy



Original Color

170, 141, 178

Achromatopsia

154, 154, 154

Achromatomaly

160, 149, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 141, 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(170, 141, 178) looks like.

```
.text, #text, p{  
    color:rgb(170, 141, 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(170, 141, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 141, 178) }
```

Border

The CSS property to change the border of an element to RYB 170, 141, 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(170, 141, 178) }
```

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

```
.border{ border-color:rgb(170, 141, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 141, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 141, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 141, 178);  
box-shadow:4px 4px 4px 4px rgb(170, 141,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 170, 141, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 141, 178) }
```

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

```
.background{ background-color: rgb(170,  
141, 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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