

Converting Colors

RGB(170, 130, 173)

Have a look what the booklet for
RGB(170, 130, 173) contains.

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Color

RGB(170, 130, 173)

Conversions

Conversions Part 1

Format	Color
Hex	AA82AD
RGB	170, 130, 173
RGB Percent	67%, 51%, 68%
CMY	0.3333, 0.4902, 0.3216
CMYK	0.02, 0.25, 0.00, 0.32
HSL	296°, 21%, 59%
HSV	296°, 25%, 68%
XYZ	32.1030, 27.5284, 43.1567
YIQ	146.8620, 10.0370, 21.8530

Conversions

Conversions Part 2

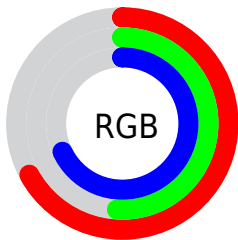
Format	Color
RYB	170, 130, 173
Decimal	11174573
CIELab	59.46, 22.95, -16.81
CIELCh	59, 28.446, 323.779
Yxy	27.5284, 0.3123, 0.2678
Android (android.graphics.Color)	4289364653 (0xFFAA82AD)
YUV	146.8620, 12.8860, 20.2920
Hunter-Lab	52.4676, 17.3996, -12.0411

Details

The RGB color **170, 130, 173** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **133, 173, 130**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **226, 183, 229**, and **117, 80, 121** is the 20% darker color. If you saturate the color by 10%, you get **169, 113, 173**, and if you desaturate by 10%, it is **171, 147, 173**.

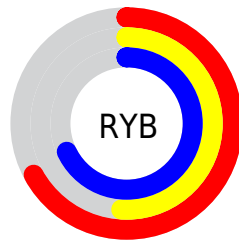
Distribution



Red (67%)

Green (51%)

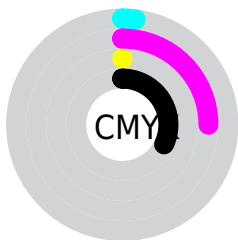
Blue (68%)



Red (67%)

Yellow (51%)

Blue (68%)

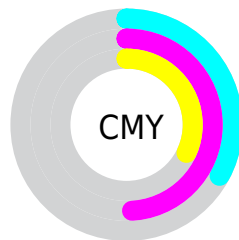


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (32%)



Cyan (33%)


Magenta (49%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 130, 173 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 RGB color 170, 130, 173 by changing the saturation by 10% instead.


 170, 130, 173

255, 255, 255

 226, 183, 229

 255, 211, 255

 255, 239, 255

 170, 130, 173

 143, 105, 146

 117, 80, 121

 92, 57, 96

 68, 34, 72


 45, 13, 49


 27, 0, 29

 0, 0, 0

 170, 130, 173

 169, 113, 173

 170, 130, 173

 171, 147, 173

168, 95, 173

172, 165, 173

166, 78, 173

174, 182, 173

165, 61, 173

175, 199, 173

164, 43, 173

176, 217, 173

163, 26, 173

177, 234, 173

162, 9, 173

178, 251, 173

161, 0, 173

180, 255, 173

181, 255, 173

Harmonies

Analogous

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



139, 139, 189



170, 130, 173



188, 125, 149

Triad

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



170, 130, 173



165, 140, 94



59, 157, 162

Complementary

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



170, 130, 173



133, 173, 130

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.



81, 157, 137



170, 130, 173



140, 148, 97

Square

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



170, 130, 173



184, 131, 104



111, 154, 113



67, 153, 183

Rectangle

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



170, 130, 173



193, 124, 132



111, 154, 113



65, 157, 154

Sweetspot

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



170, 130, 173



223, 209, 224



130, 134, 173



112, 103, 112



240, 240, 240



112, 112, 112

Same Dimension

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



170, 130, 173



220, 157, 224



173, 130, 155



86, 78, 87



140, 0, 150



21, 0, 23

Inverse Universe

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



173, 130, 133



224, 157, 162



130, 173, 148



87, 78, 79



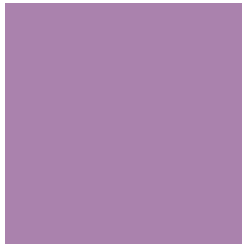
150, 0, 10



23, 0, 2

Previews

White Background



This preview shows how the RGB color 170, 130, 173 looks on a white background.

Color Contrast Check

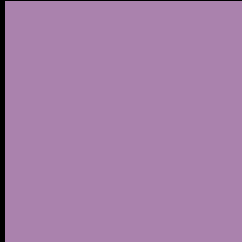
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 170, 130, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

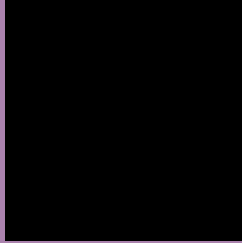
Any Text WCAG AA ✓ Pass

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](#).

RGB 170, 130, 173 Background



This preview shows how black text looks on a background with the RGB color 170, 130, 173.



This preview shows how white text looks on a background with the RGB color 170, 130, 173.

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

170, 130, 173

Protanopia

134, 142, 181

Deuteranopia

144, 140, 171



Tritanopia
166, 135, 146

Trichromacy



Original Color
170, 130, 173

Protanomaly
147, 138, 178

Deuteranomaly
153, 136, 172

Tritanomaly
167, 133, 156

Monochromacy



Original Color
170, 130, 173

Achromatopsia
147, 147, 147

Achromatomaly
155, 141, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 130, 173 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, 130, 173)` looks like.

```
.text, #text, p{  
    color:rgb(170, 130, 173)  
}
```

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, 130, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 130, 173) }
```

Border

The CSS property to change the border of an element to RGB 170, 130, 173 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, 130, 173) }
```

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

```
.border{ border-color:rgb(170, 130, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 130, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 130, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 130, 173);  
box-shadow:4px 4px 4px 4px rgb(170, 130,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 170, 130, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 130, 173) }
```

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

```
.background{ background-color: rgb(170,  
130, 173) }
```

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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