

Converting Colors

RGB(170, 120, 167)

Have a look what the booklet for
RGB(170, 120, 167) contains.

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Color

RGB(170, 120, 167)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AA78A7 |
| RGB | 170, 120, 167 |
| RGB Percent | 67%, 47%, 65% |
| CMY | 0.3333, 0.5294, 0.3451 |
| CMYK | 0.00, 0.29, 0.02, 0.33 |
| HSL | 304°, 23%, 57% |
| HSV | 304°, 29%, 67% |
| XYZ | 30.2691, 24.7690, 39.7448 |
| YIQ | 140.3080, 14.7130, 25.2170 |

Conversions

Conversions Part 2

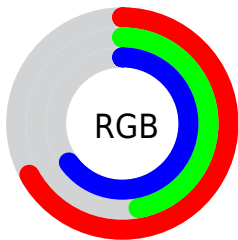
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 170, 120, 167 |
| Decimal | 11172007 |
| CIELab | 56.85, 27.44, -17.33 |
| CIElCh | 57, 32.455, 327.723 |
| Yxy | 24.7690, 0.3194, 0.2613 |
| Android (android.graphics.Color) | 4289362087 (0xFFAA78A7) |
| YUV | 140.3080, 13.1592, 26.0399 |
| Hunter-Lab | 49.7685, 21.4685, -12.5107 |

Details

The RGB color **170, 120, 167** is a light color, and the websafe version is hex **996699**. A complement of this color would be **120, 170, 123**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **226, 173, 222**, and **117, 70, 115** is the 20% darker color. If you saturate the color by 10%, you get **170, 103, 166**, and if you desaturate by 10%, it is **170, 137, 168**.

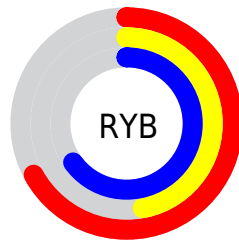
Distribution



Red (67%)

Green (47%)

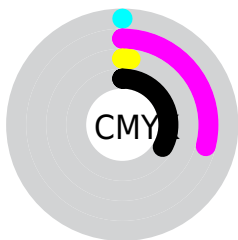
Blue (65%)



Red (67%)

Yellow (47%)

Blue (65%)

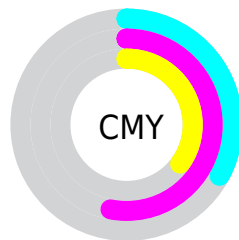


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 120, 167 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, 120, 167 by changing the saturation by 10% instead.


 170, 120, 167

255, 255, 255

 226, 173, 222

 255, 200, 251

 255, 229, 255

 170, 120, 167

 143, 95, 141

 117, 70, 115

 92, 47, 90

 67, 24, 67


 44, 2, 44


 20, 0, 24


 0, 0, 0


 170, 120, 167


 170, 103, 166


 170, 120, 167


 170, 137, 168


 170, 86, 165

 170, 154, 169

 170, 69, 164


 170, 171, 170

 170, 52, 163

 170, 188, 171

 170, 35, 162

 170, 205, 172

 170, 18, 161

 170, 222, 173

 170, 1, 160

 170, 239, 174

 170, 0, 160

 170, 255, 175

 170, 255, 176

Harmonies

Analogous

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



136, 130, 186



170, 120, 167



188, 114, 140

Triad

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



170, 120, 167



157, 134, 79



8, 151, 162

Complementary

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



170, 120, 167



120, 170, 123

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.



56, 151, 133



170, 120, 167



128, 143, 85

Square

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



170, 120, 167



179, 124, 89



94, 149, 105



38, 147, 183

Rectangle

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



170, 120, 167



192, 115, 121



94, 149, 105



25, 151, 153

Sweetspot

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



170, 120, 167



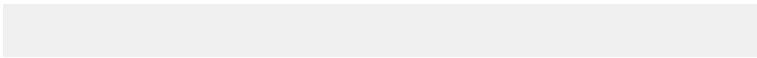
222, 202, 221



123, 120, 170



112, 100, 111



240, 240, 240



112, 112, 112

Same Dimension

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



170, 120, 167



222, 144, 217



170, 120, 142



84, 76, 84



148, 0, 139



20, 0, 19

Inverse Universe

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



170, 120, 167



222, 144, 217



120, 170, 147



84, 76, 84



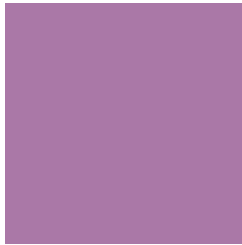
148, 0, 139



20, 0, 19

Previews

White Background



This preview shows how the RGB color 170, 120, 167 looks on a white background.

Color Contrast Check

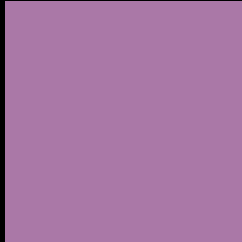
Large Text (above 18pt) WCAG AA ✓ Pass

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, 120, 167 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, 120, 167 Background



This preview shows how black text looks on a background with the RGB color 170, 120, 167.



This preview shows how white text looks on a background with the RGB color 170, 120, 167.

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, 120, 167

Protanopia
125, 135, 178

Deuteranopia
136, 134, 164



Tritanopia
166, 126, 136

Trichromacy



Original Color
170, 120, 167

Protanomaly
141, 130, 174

Deuteranomaly
148, 129, 165

Tritanomaly
167, 124, 147

Monochromacy



Original Color
170, 120, 167

Achromatopsia
140, 140, 140

Achromatomaly
151, 133, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 120, 167 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, 120, 167)` looks like.

```
.text, #text, p{  
    color:rgb(170, 120, 167)  
}
```

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, 120, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 120, 167) }
```

Border

The CSS property to change the border of an element to RGB 170, 120, 167 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, 120, 167) }
```

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

```
.border{ border-color:rgb(170, 120, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 120, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 120, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 120, 167);  
box-shadow:4px 4px 4px 4px rgb(170, 120,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 170, 120, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 120, 167) }
```

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

```
.background{ background-color: rgb(170,  
120, 167) }
```

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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