

Converting Colors

RGB(171, 138, 199)

Have a look what the booklet for
RGB(171, 138, 199) contains.

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Color

RGB(171, 138, 199)

Conversions

Conversions Part 1

Format	Color
Hex	AB8AC7
RGB	171, 138, 199
RGB Percent	67%, 54%, 78%
CMY	0.3294, 0.4588, 0.2196
CMYK	0.14, 0.31, 0.00, 0.22
HSL	272°, 35%, 66%
HSV	272°, 31%, 78%
XYZ	36.1919, 30.9584, 58.1009
YIQ	154.8210, 0.0870, 25.9670

Conversions

Conversions Part 2

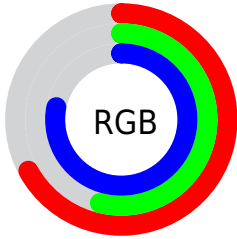
Format	Color
RYB	171, 138, 199
Decimal	11242183
CIELab	62.47, 24.16, -26.92
CIELCh	62, 36.175, 311.906
Yxy	30.9584, 0.2890, 0.2472
Android (android.graphics.Color)	4289432263 (0xFFAB8AC7)
YUV	154.8210, 21.7802, 14.1890
Hunter-Lab	55.6403, 18.7369, -22.9638

Details

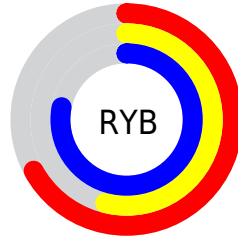
The RGB color **171, 138, 199** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166, 199, 138**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **227, 192, 255**, and **118, 88, 145** is the 20% darker color. If you saturate the color by 10%, you get **162, 118, 199**, and if you desaturate by 10%, it is **180, 158, 199**.

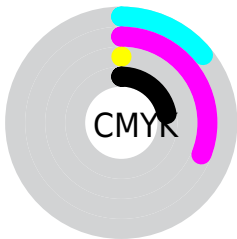
Distribution



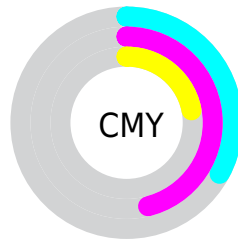
- Red (67%)
- Green (54%)
- Blue (78%)



- Red (67%)
- Yellow (54%)
- Blue (78%)



- Cyan (14%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 138, 199 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 171, 138, 199 by changing the saturation by 10% instead.

 171, 138, 199


255, 255, 255

 227, 192, 255

 255, 220, 255

 255, 248, 255

 171, 138, 199

 144, 112, 172


 118, 88, 145

 93, 64, 119

 68, 41, 94

 44, 20, 70


 25, 0, 48


 0, 1, 26


 0, 0, 0

 171, 138, 199


 171, 138, 199

 162, 118, 199

 180, 158, 199

 153, 98, 199


 189, 178, 199

 144, 78, 199

 198, 198, 199

 134, 58, 199

 208, 218, 199

 125, 38, 199

 217, 238, 199

 116, 19, 199

 226, 255, 199

 108, 0, 199

 235, 255, 199

 244, 255, 199

 253, 255, 199

Harmonies

Analogous

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



125, 150, 214



171, 138, 199



201, 128, 172

Triad

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



171, 138, 199



189, 142, 90



27, 168, 163

Complementary

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



171, 138, 199



166, 199, 138

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.



83, 167, 130



171, 138, 199



159, 153, 87

Square

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



171, 138, 199



208, 132, 110



124, 162, 102



0, 166, 193

Rectangle

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



171, 138, 199



211, 126, 150



124, 162, 102



49, 168, 152

Sweetspot

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



171, 138, 199



244, 232, 255



138, 166, 199



121, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 138, 199



212, 161, 255



199, 138, 197



95, 90, 99



88, 0, 163



19, 0, 36

Inverse Universe

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



199, 138, 166



255, 161, 204



138, 199, 140



99, 90, 94



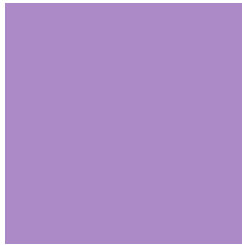
163, 0, 75



36, 0, 16

Previews

White Background



This preview shows how the RGB color 171, 138, 199 looks on a white background.

Color Contrast Check

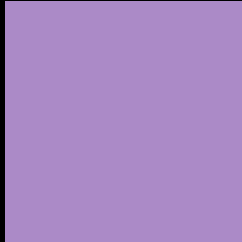
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 171, 138, 199 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](#).

RGB 171, 138, 199 Background



This preview shows how black text looks on a background with the RGB color 171, 138, 199.



This preview shows how white text looks on a background with the RGB color 171, 138, 199.

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
171, 138, 199

Protanopia
134, 149, 207

Deuteranopia
141, 149, 197



Tritanopia
164, 146, 158

Trichromacy



Original Color
171, 138, 199

Protanomaly
147, 145, 204

Deuteranomaly
152, 145, 198

Tritanomaly
167, 143, 173

Monochromacy



Original Color
171, 138, 199

Achromatopsia
155, 155, 155

Achromatomaly
161, 149, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 138, 199 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(171, 138, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 138, 199)  
}
```

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(171, 138, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 138, 199) }
```

Border

The CSS property to change the border of an element to RGB 171, 138, 199 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(171, 138, 199) }
```

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

```
.border{ border-color:rgb(171, 138, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 138, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 138, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 138, 199);  
box-shadow:4px 4px 4px 4px rgb(171, 138,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 171, 138, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 138, 199) }
```

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

```
.background{ background-color: rgb(171,  
138, 199) }
```

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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