

Converting Colors

RGB(178, 172, 245)

Have a look what the booklet for
RGB(178, 172, 245) contains.

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Color

RGB(178, 172, 245)

Conversions

Conversions Part 1

Format	Color
Hex	B2ACF5
RGB	178, 172, 245
RGB Percent	70%, 67%, 96%
CMY	0.3020, 0.3255, 0.0392
CMYK	0.27, 0.30, 0.00, 0.04
HSL	245°, 78%, 82%
HSV	245°, 30%, 96%
XYZ	49.5941, 45.5626, 92.5668
YIQ	182.1160, -19.8570, 23.9750

Conversions

Conversions Part 2

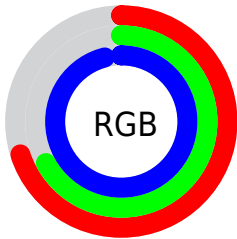
Format	Color
R _Y B	178, 172, 245
Decimal	11709685
CIE Lab	73.26, 17.79, -35.57
CIE LCh	73, 39.767, 296.570
Yxy	45.5626, 0.2642, 0.2427
Android (android.graphics.Color)	4289899765 (0xFFB2ACF5)
YUV	182.1160, 31.0018, -3.6097
Hunter-Lab	67.5001, 13.0234, -34.0578

Details

The RGB color **178, 172, 245** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **239, 245, 172**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **235, 227, 255**, and **124, 120, 188** is the 20% darker color. If you saturate the color by 10%, you get **156, 148, 245**, and if you desaturate by 10%, it is **200, 197, 245**.

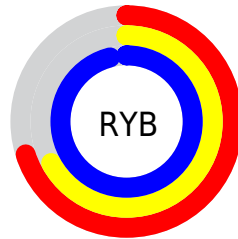
Distribution



Red (70%)

Green (67%)

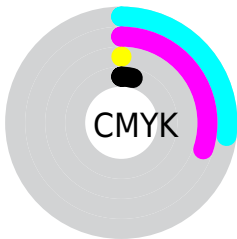
Blue (96%)



Red (70%)

Yellow (67%)

Blue (96%)

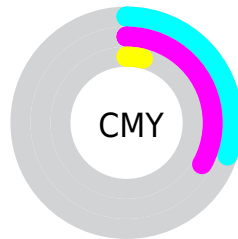


Cyan (27%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (30%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 172, 245 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 178, 172, 245 by changing the saturation by 10% instead.

■ 178, 172, 245

255, 255, 255

■ 235, 227, 255

■ 178, 172, 245

■ 150, 145, 216

■ 124, 120, 188

■ 97, 95, 161

■ 71, 71, 135

■ 46, 49, 109

■ 17, 28, 84


■ 0, 4, 61


■ 0, 3, 38


■ 0, 1, 15

 178, 172, 245


 178, 172, 245

 156, 148, 245

 200, 197, 245

 133, 123, 245

 223, 221, 245

 111, 99, 245


 245, 246, 245


 88, 74, 245

 255, 255, 245

 66, 50, 245

 43, 25, 245

 21, 1, 245

 20, 0, 245

Harmonies

Analogous

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



119, 185, 252



178, 172, 245



222, 159, 221

Triad

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



178, 172, 245



236, 164, 120



78, 199, 174

Complementary

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



178, 172, 245



239, 245, 172

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.



128, 195, 139



178, 172, 245



208, 176, 107

Square

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



178, 172, 245



250, 154, 149



171, 188, 113



16, 199, 211

Rectangle

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



178, 172, 245



241, 153, 198



171, 188, 113



95, 198, 162

Sweetspot

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



178, 172, 245



234, 232, 255



172, 240, 245



115, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



178, 172, 245



171, 163, 255



213, 172, 245



111, 110, 122



15, 0, 186



5, 0, 59

Inverse Universe

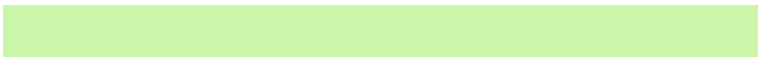
The Inverse Universe completely reimagines the original color for something new.



245, 172, 239



255, 163, 247



204, 245, 172



122, 110, 121



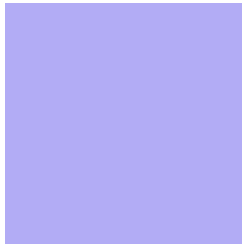
186, 0, 171



59, 0, 54

Previews

White Background



This preview shows how the RGB color 178, 172, 245 looks on a white background.

Color Contrast Check

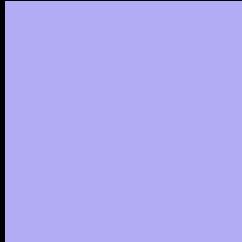
Large Text (above 18pt) WCAG AA × Fail

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 178, 172, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

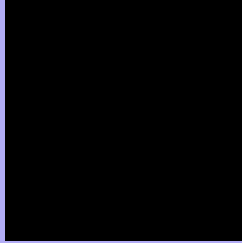
Any Text WCAG AA ✓ Pass

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 178, 172, 245 Background



This preview shows how black text looks on a background with the RGB color 178, 172, 245.



This preview shows how white text looks on a background with the RGB color 178, 172, 245.

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](#).

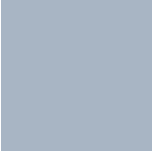
Dichromacy



Original Color
178, 172, 245

Protanopia
158, 177, 249

Deuteranopia
161, 177, 244



Tritanopia
168, 181, 196

Trichromacy



Original Color
178, 172, 245

Protanomaly
165, 175, 248

Deuteranomaly
167, 175, 244

Tritanomaly
172, 178, 214

Monochromacy



Original Color
178, 172, 245

Achromatopsia
182, 182, 182

Achromatomaly
181, 178, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 172, 245 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(178, 172, 245)` looks like.

```
.text, #text, p{  
    color:rgb(178, 172, 245)  
}
```

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(178, 172, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 172, 245) }
```

Border

The CSS property to change the border of an element to RGB 178, 172, 245 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(178, 172, 245) }
```

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

```
.border{ border-color:rgb(178, 172, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 172, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 172, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 172, 245);  
box-shadow:4px 4px 4px 4px rgb(178, 172,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 178, 172, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 172, 245) }
```

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

```
.background{ background-color: rgb(178,  
172, 245) }
```

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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