

Converting Colors

RGB(228, 175, 232)

Have a look what the booklet for
RGB(228, 175, 232) contains.

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Color

RGB(228, 175, 232)

Conversions

Conversions Part 1

Format	Color
Hex	E4AFE8
RGB	228, 175, 232
RGB Percent	89%, 69%, 91%
CMY	0.1059, 0.3137, 0.0902
CMYK	0.02, 0.25, 0.00, 0.09
HSL	296°, 55%, 80%
HSV	296°, 25%, 91%
XYZ	61.8904, 52.9801, 83.3081
YIQ	197.3450, 13.2910, 28.9630

Conversions

Conversions Part 2

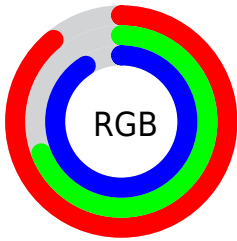
Format	Color
R _Y B	228, 175, 232
Decimal	14987240
CIE Lab	77.86, 28.79, -21.09
CIE LCh	78, 35.692, 323.776
Yxy	52.9801, 0.3123, 0.2673
Android (android.graphics.Color)	4293177320 (0xFFE4AFE8)
YUV	197.3450, 17.0849, 26.8844
Hunter-Lab	72.7874, 24.3986, -16.9086

Details

The RGB color **228, 175, 232** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **179, 232, 175**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 231, 255**, and **172, 122, 176** is the 20% darker color. If you saturate the color by 10%, you get **226, 152, 232**, and if you desaturate by 10%, it is **230, 198, 232**.

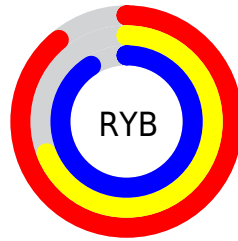
Distribution



Red (89%)

Green (69%)

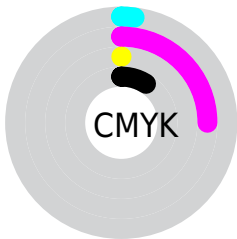
Blue (91%)



Red (89%)

Yellow (69%)

Blue (91%)

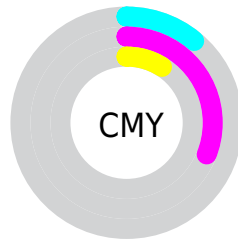


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 175, 232 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 228, 175, 232 by changing the saturation by 10% instead.

■ 228, 175, 232

255, 255, 255

■ 255, 231, 255

■ 228, 175, 232

■ 200, 148, 204

■ 172, 122, 176

■ 145, 97, 150

■ 119, 72, 124

■ 93, 49, 99

■ 69, 26, 74


■ 45, 3, 52


■ 24, 0, 31

■ 0, 0, 0

 228, 175, 232

 228, 175, 232

 226, 152, 232


 230, 198, 232

 225, 129, 232


 231, 221, 232

 223, 105, 232


 233, 245, 232

 221, 82, 232

 235, 255, 232

 220, 59, 232

 236, 255, 232

 218, 36, 232

 238, 255, 232

 217, 13, 232

 239, 255, 232

 216, 0, 232

 241, 255, 232

 243, 255, 232

Harmonies

Analogous

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



187, 186, 253



228, 175, 232



252, 168, 201

Triad

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



228, 175, 232



222, 188, 127



81, 210, 218

Complementary

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



228, 175, 232



179, 232, 175

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.



110, 210, 184



228, 175, 232



188, 199, 131

Square

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



228, 175, 232



247, 177, 140



150, 206, 152



91, 206, 245

Rectangle

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



228, 175, 232



255, 168, 178



150, 206, 152



88, 211, 207

Sweetspot

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



228, 175, 232



254, 237, 255



175, 180, 232



127, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



228, 175, 232



250, 181, 255



232, 175, 208



114, 103, 115



166, 0, 179



47, 0, 51

Inverse Universe

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



232, 175, 179



255, 181, 186



175, 232, 199



115, 103, 104



179, 0, 13



51, 0, 4

Previews

White Background



This preview shows how the RGB color 228, 175, 232 looks on a white background.

Color Contrast Check

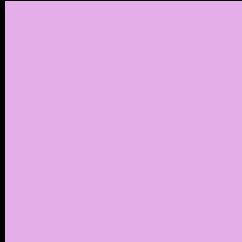
Large Text (above 18pt) WCAG AA × Fail

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 228, 175, 232 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 228, 175, 232 Background



This preview shows how black text looks on a background with the RGB color 228, 175, 232.

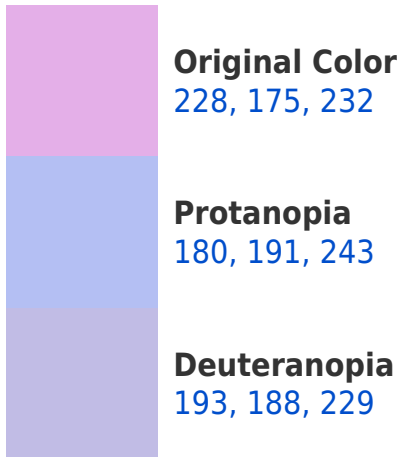



This preview shows how white text looks on a background with the RGB color 228, 175, 232.

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
223, 182, 196

Trichromacy



Original Color
228, 175, 232

Protanomaly
197, 185, 239

Deuteranomaly
206, 183, 230

Tritanomaly
225, 179, 209

Monochromacy



Original Color
228, 175, 232

Achromatopsia
197, 197, 197

Achromatomaly
208, 189, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 175, 232 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(228, 175, 232)` looks like.

```
.text, #text, p{  
    color:rgb(228, 175, 232)  
}
```

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(228, 175, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 175, 232) }
```

Border

The CSS property to change the border of an element to RGB 228, 175, 232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

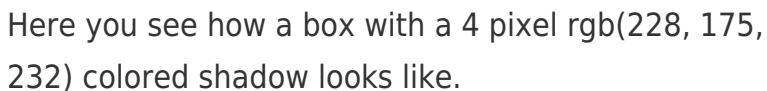
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 175, 232) }
```

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

```
.border{ border-color:rgb(228, 175, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 175, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 175, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 175, 232);  
box-shadow:4px 4px 4px 4px rgb(228, 175,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 228, 175, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 175, 232) }
```

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

```
.background{ background-color: rgb(228,  
175, 232) }
```

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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