Converting Colors

RGB(215, 173, 218)

Have a look what the booklet for RGB(215, 173, 218) contains.

Color

RGB(215, 173, 218)

Conversions

Conversions Part 1

Format	Color
Hex	D7ADDA
RGB	215, 173, 218
RGB Percent	84%, 68%, 85%
CMY	0.1569, 0.3216, 0.1451
CMYK	0.01, 0.21, 0.00, 0.15
HSL	296°, 38%, 77%
HSV	296°, 21%, 85%
XYZ	55.6228, 49.3962, 72.9324
YIQ	190.6880, 10.5870, 22.8990

Conversions

Conversions Part 2

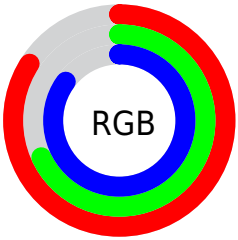
Format	Color
RYB	215, 173, 218
Decimal	14134746
CIELab	75.70, 22.98, -16.89
CIELCh	76, 28.519, 323.676
Yxy	49.3962, 0.3126, 0.2776
Android (android.graphics.Color)	4292324826 (0xFFD7ADDA)
YUV	190.6880, 13.4648, 21.3216
Hunter-Lab	70.2824, 18.2740, -12.3279

Details

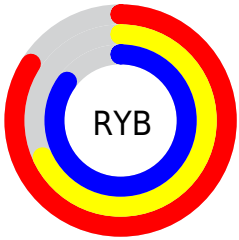
The RGB color 215, 173, 218 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 176, 218, 173, and the grayscale version is 191, 191, 191.

A 20% lighter version of the original color is 255, 229, 255, and 160, 120, 163 is the 20% darker color. If you saturate the color by 10%, you get 214, 151, 218, and if you desaturate by 10%, it is 216, 195, 218.

Distribution

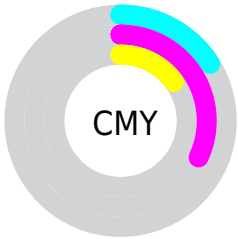


- Red (84%)
- Green (68%)
- Blue (85%)



- Red (84%)
- Yellow (68%)
- Blue (85%)

- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 173, 218 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 215, 173, 218 by changing the saturation by 10% instead.

215, 173, 218

255, 255, 255

255, 229, 255

215, 173, 218

187, 146, 190

160, 120, 163

133, 95, 137

108, 71, 111

83, 48, 87

59, 26, 63

37, 4, 41

1, 0, 20

0, 0, 0

215, 173, 218

214, 151, 218

212, 129, 218

211, 108, 218

209, 86, 218

208, 64, 218

206, 42, 218

205, 20, 218

203, 0, 218

215, 173, 218

216, 195, 218

218, 217, 218

219, 238, 218

221, 255, 218

222, 255, 218

224, 255, 218

225, 255, 218

227, 255, 218

228, 255, 218

Harmonies

Analogous

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

183, 182, 235

215, 173, 218

235, 168, 193

Triad

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

215, 173, 218

211, 183, 134

108, 201, 207

Complementary

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

215, 173, 218

176, 218, 173

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.

125, 201, 180

215, 173, 218

184, 191, 138

Square

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

215, 173, 218

231, 174, 145

154, 198, 155

115, 197, 228

Rectangle

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

215, 173, 218

240, 167, 175

154, 198, 155

111, 201, 198

Sweetspot

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

215, 173, 218

254, 240, 255

173, 176, 218

127, 119, 128

0, 0, 0

128, 128, 128

Same Dimension

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

215, 173, 218

251, 191, 255

218, 173, 199

109, 99, 110

162, 0, 173

43, 0, 46

Inverse Universe

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

218, 173, 176

255, 191, 195

173, 218, 193

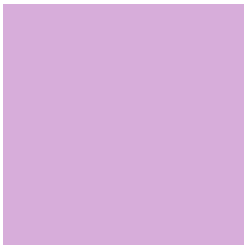
110, 99, 99

173, 0, 12

46, 0, 3

Previews

White Background

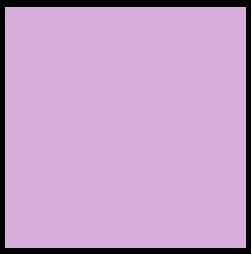


This preview shows how the RGB color 215, 173, 218 looks on a white background.

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



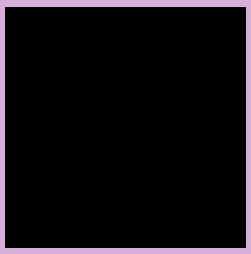
This preview shows how the RGB color 215, 173, 218 looks on a black background.

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 215, 173, 218 Background



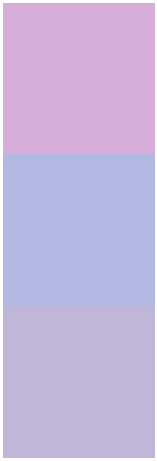
This preview shows how black text looks on a background with the RGB color 215, 173, 218.

This preview shows how white text looks on a background with the RGB color 215, 173, 218.

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



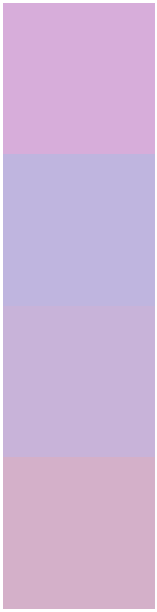
Original Color
215, 173, 218

Protanopia
178, 185, 226

Deuteranopia
191, 182, 216

Tritanopia
211, 178, 192

Trichromacy



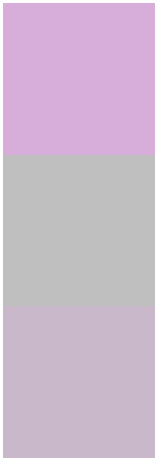
Original Color
215, 173, 218

Protanomaly
191, 181, 223

Deuteranomaly
200, 179, 217

Tritanomaly
212, 176, 201

Monochromacy



Original Color
215, 173, 218

Achromatopsia
191, 191, 191

Achromatomaly
200, 184, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 173, 218 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(215, 173, 218) looks like.

```
.text, #text, p{
    color:rgb(215, 173, 218)
}
```

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(215, 173, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 173, 218) }
```

Border

The CSS property to change the border of an element to RGB 215, 173, 218 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(215, 173, 218) }
```

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

```
.border{ border-color:rgb(215, 173, 218) }
```

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

Here you see how a box with a 4 pixel rgb(215, 173, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 173, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 173, 218); box-shadow:4px 4px 4px 4px rgb(215, 173, 218) }
```

Background

The CSS property to change the background color of an element to RGB 215, 173, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(215, 173, 218) }
```

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

```
.background{ background-color:rgb(215,
173, 218) }
```

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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