

Converting Colors

RGB(165, 129, 173)

Have a look what the booklet for
RGB(165, 129, 173) contains.

| | |
|--|----|
| RGB(165, 129, 173) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

RGB(165, 129, 173)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A581AD |
| RGB | 165, 129, 173 |
| RGB Percent | 65%, 51%, 68% |
| CMY | 0.3529, 0.4941, 0.3216 |
| CMYK | 0.05, 0.25, 0.00, 0.32 |
| HSL | 289°, 21%, 59% |
| HSV | 289°, 25%, 68% |
| XYZ | 30.9101, 26.7170, 43.0629 |
| YIQ | 144.7800, 7.3320, 21.3160 |

Conversions

Conversions Part 2

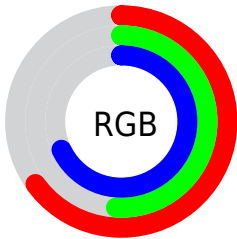
| Format | Color |
|-------------------------------------|--|
| RYB | 165, 129, 173 |
| Decimal | 10846637 |
| CIELab | 58.71, 21.81, -17.99 |
| CIElCh | 59, 28.273, 320.476 |
| Yxy | 26.7170, 0.3070, 0.2653 |
| Android (android.graphics.Color) | 4289036717 (0xFFA581AD) |
| YUV | 144.7800, 13.9125, 17.7329 |
| Hunter-Lab | 51.6885, 16.2897, -13.2140 |

Details

The RGB color **165, 129, 173** is a light color, and the websafe version is hex **996699**. A complement of this color would be **137, 173, 129**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **220, 182, 229**, and **113, 79, 121** is the 20% darker color. If you saturate the color by 10%, you get **162, 112, 173**, and if you desaturate by 10%, it is **168, 146, 173**.

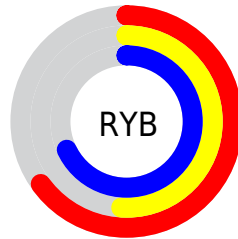
Distribution



Red (65%)

Green (51%)

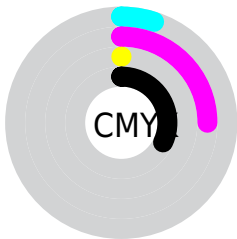
Blue (68%)



Red (65%)

Yellow (51%)

Blue (68%)

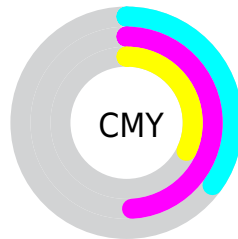


Cyan (5%)

Magenta (25%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (49%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the RGB color 165, 129, 173 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 165, 129, 173 by changing the saturation by 10% instead.

 165, 129, 173

255, 255, 255

 220, 182, 229

 249, 210, 255

 255, 238, 255


 165, 129, 173


 138, 104, 146

 113, 79, 121

 88, 56, 96

 64, 34, 72

 41, 12, 49

 21, 0, 29

 0, 0, 0

 165, 129, 173

 162, 112, 173

 165, 129, 173

 168, 146, 173

159, 94, 173

171, 164, 173

156, 77, 173

174, 181, 173

152, 60, 173

178, 198, 173

149, 42, 173

181, 216, 173

146, 25, 173

184, 233, 173

143, 8, 173

187, 250, 173

142, 0, 173

190, 255, 173

193, 255, 173

Harmonies

Analogous

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



133, 138, 187



165, 129, 173



185, 123, 150

Triad

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



165, 129, 173



166, 137, 92



59, 155, 158

Complementary

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



165, 129, 173



137, 173, 129

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, 154, 132



165, 129, 173



141, 145, 94

Square

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



165, 129, 173



183, 129, 104



113, 151, 109



63, 152, 179

Rectangle

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



165, 129, 173



190, 123, 133



113, 151, 109



66, 155, 149

Sweetspot

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



165, 129, 173



221, 206, 224



129, 137, 173



110, 101, 112



240, 240, 240



112, 112, 112

Same Dimension

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



165, 129, 173



212, 155, 224



173, 129, 159



85, 78, 87



123, 0, 150



19, 0, 23

Inverse Universe

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



173, 129, 137



224, 155, 167



129, 173, 143



87, 78, 80



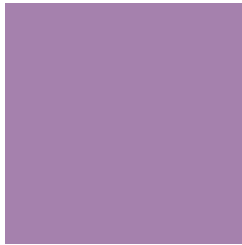
150, 0, 27



23, 0, 4

Previews

White Background



This preview shows how the RGB color 165, 129, 173 looks on a white background.

Color Contrast Check

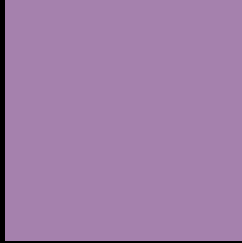
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 129, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

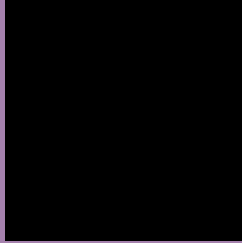
Any Text WCAG AA ✓ Pass

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 165, 129, 173 Background



This preview shows how black text looks on a background with the RGB color 165, 129, 173.



This preview shows how white text looks on a background with the RGB color 165, 129, 173.

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
165, 129, 173

Protanopia
131, 140, 181

Deuteranopia
140, 138, 171



Tritanopia
161, 134, 145

Trichromacy



Original Color
165, 129, 173

Protanomaly
143, 136, 178

Deuteranomaly
149, 135, 172

Tritanomaly
162, 132, 155

Monochromacy



Original Color
165, 129, 173

Achromatopsia
145, 145, 145

Achromatomaly
152, 139, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 129, 173 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(165, 129, 173)` looks like.

```
.text, #text, p{  
    color:rgb(165, 129, 173)  
}
```

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(165, 129, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 129, 173) }
```

Border

The CSS property to change the border of an element to RGB 165, 129, 173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

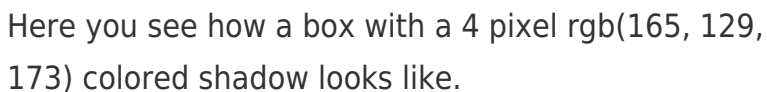
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 129, 173) }
```

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

```
.border{ border-color:rgb(165, 129, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 129, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 129, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 129, 173);  
box-shadow:4px 4px 4px 4px rgb(165, 129,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 165, 129, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 129, 173) }
```

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

```
.background{ background-color: rgb(165,  
129, 173) }
```

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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