

Converting Colors

CIELCh(59, 43.691, 308.578)

Have a look what the booklet for
CIELCh(59, 43.691, 308.578)
contains.

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Color

CIELCh(59, 43.384, 308.687)

Conversions

Conversions Part 1

Format	Color
Hex	A080CA
RGB	160, 128, 202
RGB Percent	63%, 50%, 79%
CMY	0.3740, 0.4994, 0.2093
CMYK	0.21, 0.37, 0.00, 0.21
HSL	266°, 41%, 65%
HSV	266°, 37%, 79%
XYZ	32.7113, 27.0277, 59.1328
YIQ	146.0040, -4.6820, 29.7980

Conversions

Conversions Part 2

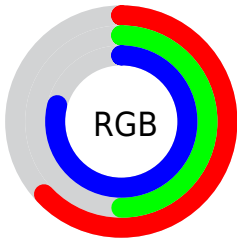
Format	Color
R _Y B	160, 128, 202
Decimal	10518730
CIE Lab	59.00, 27.12, -33.86
CIE LCh	59, 43.384, 308.687
Yxy	27.0277, 0.2752, 0.2274
Android (android.graphics.Color)	4288708810 (0xFFA080CA)
YUV	146.0040, 27.6060, 12.2745
Hunter-Lab	51.9882, 21.3338, -31.0463

Details

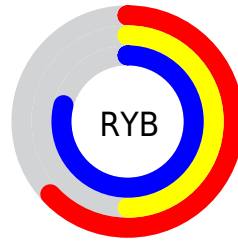
The CIELCh color $59, 43.384, 308.687$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $77, 40.830, 124.876$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 41.381, 309.594$, and $39, 43.833, 308.732$ is the 20% darker color. If you saturate the color by 10%, you get $53, 55.767, 309.322$, and if you desaturate by 10%, it is $65, 31.149, 308.074$.

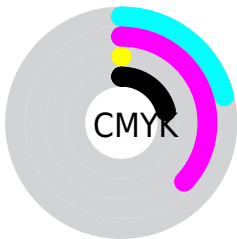
Distribution



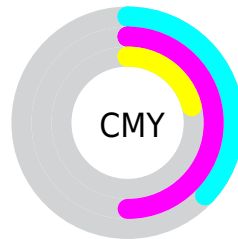
- Red (63%)
- Green (50%)
- Blue (79%)



- Red (63%)
- Yellow (50%)
- Blue (79%)



- Cyan (21%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (37%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 43.384, 308.687 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 CIELCh color 59, 43.384, 308.687 by changing the saturation by 10% instead.

■ 59, 43.384,
308.687

■ 59, 43.384,
308.687

■ 100, 43.384,
308.687

■ 49, 43.384,
308.687

■ 79, 43.384,
308.687

■ 39, 43.384,
308.687

■ 89, 43.384,
308.687

■ 29, 43.384,
308.687

■ 99, 43.384,
308.687

■ 19, 43.384,
308.687

■ 9, 43.384, 308.687

■ 0, 43.384, 308.687

59, 43.384,
308.687

59, 43.384,
308.687

53, 55.767,
309.322

65, 31.149,
308.074

48, 68.060,
309.940

71, 19.193,
307.501

42, 79.841,
310.479

77, 7.577, 306.975

38, 90.444,
310.843

83, 3.679, 126.549

34, 98.972,
310.904

89, 14.571,
126.118


31, 104.598,
310.546

95, 25.110,
125.754

30, 106.138,
310.404

98, 27.588,
120.016

99, 26.976,
111.173

 99, 26.926,
108.133

Harmonies

Complementary

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



59, 43.384, 308.687



77, 40.830, 124.876

Rectangle

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



59, 43.384, 308.687



59, 43.384, 358.687



59, 43.384, 128.687



59, 43.384, 178.687

Sweetspot

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



59, 43.382, 308.687



92, 15.181, 307.205



68, 21.441, 251.495



48, 10.222, 307.277



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 43.382, 308.687



68, 63.484, 309.189



63, 47.241, 323.955



40, 6.514, 307.114



24, 91.611, 310.558



2, 24.258, 304.225

Inverse Universe

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



62, 36.074, 343.428



73, 52.034, 344.327



75, 47.006, 139.809



40, 5.563, 340.867



36, 62.564, 355.427



4, 20.685, 349.230

Previews

White Background



This preview shows how the CIELCh color 59, 43.384, 308.687 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 CIELCh color 59, 43.384, 308.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

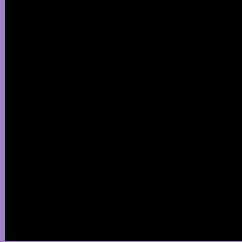
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 43.384, 308.687

Background



This preview shows how black text looks on a background with the CIELCh color 59, 43.384, 308.687.



This preview shows how white text looks on a background with the CIELCh color 59, 43.384, 308.687.

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
59, 43.384, 308.687

Protanopia
59, 40.416, 285.322

Deuteranopia
59, 33.129, 283.503



Tritanopia
59, 8.046, 329.440

Trichromacy



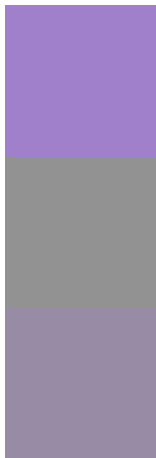
Original Color
59, 43.384, 308.687

Protanomaly
59, 40.788, 293.328

Deuteranomaly
59, 36.310, 294.168

Tritanomaly
59, 20.753, 312.951

Monochromacy



Original Color
59, 43.384, 308.687

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 15.987, 307.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 43.384, 308.687 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(160, 128, 202)` looks like.

```
.text, #text, p{  
    color:rgb(160, 128, 202)  
}
```

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(160, 128, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 128, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 43.384, 308.687 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(160, 128, 202) }
```

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

```
.border{ border-color:rgb(160, 128, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 128, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 128, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 128, 202);  
box-shadow:4px 4px 4px 4px rgb(160, 128,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 43.384, 308.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 128, 202) }
```

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

```
.background{ background-color: rgb(160,  
128, 202) }
```

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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