

Converting Colors

CIELCh(59, 56.162, 311.071)

Have a look what the booklet for
CIELCh(59, 56.162, 311.071)
contains.

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Color

CIELCh(59, 56.290, 310.978)

Conversions

Conversions Part 1

Format	Color
Hex	A879D9
RGB	168, 121, 217
RGB Percent	66%, 47%, 85%
CMY	0.3410, 0.5253, 0.1488
CMYK	0.23, 0.44, 0.00, 0.15
HSL	269°, 56%, 66%
HSV	269°, 44%, 85%
XYZ	35.5320, 27.0277, 69.0230
YIQ	145.9970, -2.8040, 39.8200

Conversions

Conversions Part 2

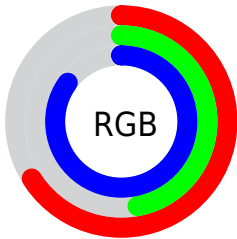
Format	Color
RYB	168, 121, 217
Decimal	11041241
CIELab	59.00, 36.91, -42.50
CIELCh	59, 56.290, 310.978
Yxy	27.0277, 0.2700, 0.2054
Android (android.graphics.Color)	4289231321 (0xFFA879D9)
YUV	145.9970, 35.0045, 19.2966
Hunter-Lab	51.9882, 31.0188, -42.3255

Details

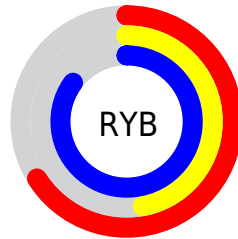
The CIELCh color $59, 56.290, 310.978$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $82, 52.674, 126.627$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 46.619, 314.862$, and $39, 56.510, 311.044$ is the 20% darker color. If you saturate the color by 10%, you get $53, 69.277, 311.512$, and if you desaturate by 10%, it is $65, 43.180, 310.420$.

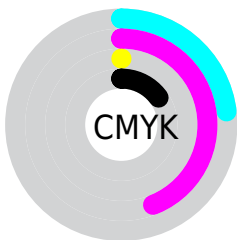
Distribution



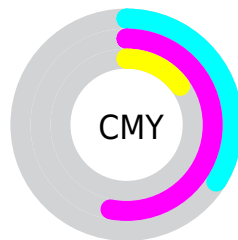
- Red (66%)
- Green (47%)
- Blue (85%)



- Red (66%)
- Yellow (47%)
- Blue (85%)



- Cyan (23%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (34%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 56.290, 310.978 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, 56.290, 310.978 by changing the saturation by 10% instead.

■ 59, 56.290,
310.978

■ 59, 56.290,
310.978

■ 100, 56.290,
310.978

■ 49, 56.290,
310.978

■ 79, 56.290,
310.978

■ 39, 56.290,
310.978

■ 89, 56.290,
310.978

■ 29, 56.290,
310.978

■ 99, 56.290,
310.978

■ 19, 56.290,
310.978

■ 9, 56.290, 310.978

■ 0, 56.290, 310.978

59, 56.290,
310.978

59, 56.290,
310.978

53, 69.277,
311.512

65, 43.180,
310.420

48, 81.721,
311.966

71, 30.203,
309.874

43, 92.966,
312.255

78, 17.497,
309.357

39, 102.144,
312.270

84, 5.131, 308.867

36, 108.382,
311.892

90, 6.865, 128.482

34, 110.867,
311.544

97, 18.486,
128.091

98, 19.535,
118.886

99, 19.185,
108.726

Harmonies

Complementary

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



59, 56.290, 310.978



82, 52.674, 126.627

Rectangle

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



59, 56.290, 310.978



59, 56.290, 0.978



59, 56.290, 130.978



59, 56.290, 180.978

Sweetspot

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



59, 56.289, 310.978



91, 18.187, 309.301



68, 28.947, 261.485



47, 12.767, 309.412



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, 56.289, 310.978



63, 77.156, 311.474



64, 60.835, 326.286



43, 6.991, 309.121



27, 93.614, 311.716



3, 31.162, 308.982

Inverse Universe

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



63, 44.418, 347.582



68, 59.837, 348.927



79, 60.950, 140.618



43, 5.678, 343.832



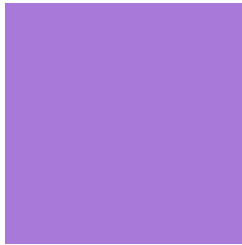
37, 63.612, 0.803



6, 25.177, 353.787

Previews

White Background



This preview shows how the CIELCh color 59, 56.290, 310.978 looks on a white background.

Color Contrast Check

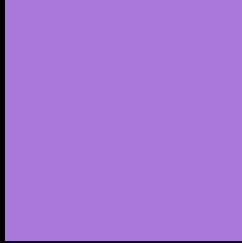
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.290, 310.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

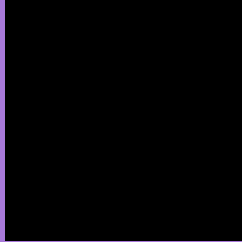
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 56.290, 310.978

Background



This preview shows how black text looks on a background with the CIELCh color 59, 56.290, 310.978.




This preview shows how white text looks on a background with the CIELCh color 59, 56.290, 310.978.

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
59, 9.357, 343.207

Trichromacy



Original Color
59, 56.290, 310.978

Protanomaly
59, 53.809, 294.751

Deuteranomaly
59, 45.357, 293.978

Tritanomaly
59, 25.661, 316.964

Monochromacy



Original Color
59, 56.290, 310.978

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 20.859, 309.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 56.290, 310.978 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(168, 121, 217)` looks like.

```
.text, #text, p{  
    color:rgb(168, 121, 217)  
}
```

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(168, 121, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 121, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 56.290, 310.978 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(168, 121, 217) }
```

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

```
.border{ border-color:rgb(168, 121, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 121, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 121, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 121, 217);  
box-shadow:4px 4px 4px 4px rgb(168, 121,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 56.290, 310.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 121, 217) }
```

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

```
.background{ background-color: rgb(168,  
121, 217) }
```

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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