

Converting Colors

CIELCh(59, 19.708, 294.169)

Have a look what the booklet for
CIELCh(59, 19.708, 294.169)
contains.

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Color

CIELCh(59, 19.309, 293.398)

Conversions

Conversions Part 1

Format	Color
Hex	8C8BAD
RGB	140, 139, 173
RGB Percent	55%, 55%, 68%
CMY	0.4513, 0.4552, 0.3219
CMYK	0.19, 0.20, 0.00, 0.32
HSL	242°, 17%, 61%
HSV	242°, 20%, 68%
XYZ	27.5608, 27.0277, 43.2615
YIQ	143.1750, -10.3180, 10.7860

Conversions

Conversions Part 2

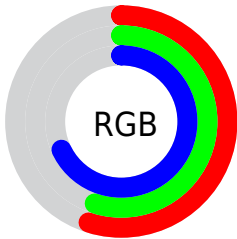
Format	Color
RYB	140, 139, 173
Decimal	9210797
CIELab	59.00, 7.67, -17.72
CIElCh	59, 19.309, 293.398
Yxy	27.0277, 0.2817, 0.2762
Android (android.graphics.Color)	4287400877 (0xFF8C8BAD)
YUV	143.1750, 14.7037, -2.7845
Hunter-Lab	51.9882, 3.6496, -12.9459

Details

The CIELCh color $59, 19.309, 293.398$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 18.463, 109.551$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 19.291, 293.925$, and $39, 19.628, 293.162$ is the 20% darker color. If you saturate the color by 10%, you get $53, 29.736, 294.719$, and if you desaturate by 10%, it is $65, 9.300, 292.270$.

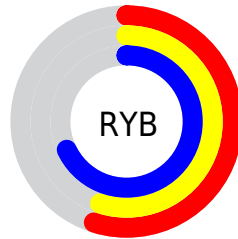
Distribution



Red (55%)

Green (55%)

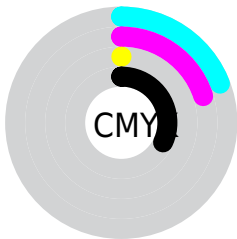
Blue (68%)



Red (55%)

Yellow (55%)

Blue (68%)

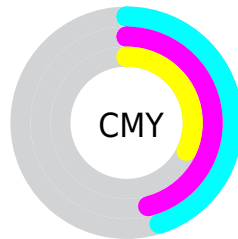


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (45%)


Magenta (46%)


Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 19.309, 293.398 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, 19.309, 293.398 by changing the saturation by 10% instead.


 59, 19.309,
293.398

 59, 19.309,
293.398


 100, 19.309,
293.398


 49, 19.309,
293.398


 79, 19.309,
293.398

 39, 19.309,
293.398

 89, 19.309,
293.398

 29, 19.309,
293.398

 99, 19.309,
293.398

 19, 19.309,
293.398

 9, 19.309, 293.398

 0, 19.309, 293.398

59, 19.309,
293.398

59, 19.309,
293.398

53, 29.736,
294.719

65, 9.300, 292.270

47, 40.605,
296.256

71, 0.313, 111.151

77, 9.563, 110.479

41, 51.897,
298.015

83, 18.474,
109.782

36, 63.493,
299.962

88, 27.072,
109.183

30, 75.042,
301.994

94, 35.377,
108.668

26, 85.744,
303.904

98, 41.109,
107.039

22, 94.221,
305.389

20, 99.679,

306.347

■ 20, 99.859,
306.381

Harmonies

Complementary

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



59, 19.309, 293.398



70, 18.463, 109.551

Rectangle

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



59, 19.309, 293.398



59, 19.309, 343.398



59, 19.309, 113.398



59, 19.309, 163.398

Sweetspot

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



59, 19.308, 293.397



85, 7.095, 291.914



68, 11.920, 199.954



44, 4.705, 291.974



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 19.308, 293.397



72, 29.421, 294.000



60, 20.336, 310.535



33, 5.460, 292.234



17, 90.108, 306.398



1, 11.351, 291.121

Inverse Universe

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



62, 22.476, 326.299



76, 33.926, 326.560



69, 19.825, 128.780



34, 6.461, 325.719



35, 76.217, 329.414



2, 13.455, 325.613

Previews

White Background



This preview shows how the CIELCh color 59, 19.309, 293.398 looks on a white background.

Color Contrast Check

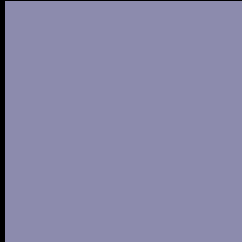
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.309, 293.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

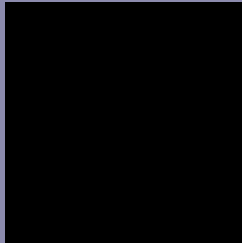
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 19.309, 293.398

Background



This preview shows how black text looks on a background with the CIELCh color 59, 19.309, 293.398.



This preview shows how white text looks on a background with the CIELCh color 59, 19.309, 293.398.

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, 19.309, 293.398

Protanopia

59, 18.797, 284.830

Deuteranopia

59, 19.309, 293.398



Tritanopia
59, 7.115, 272.666

Trichromacy



Original Color
59, 19.309, 293.398

Protanomaly
59, 19.301, 288.198

Deuteranomaly
59, 19.309, 293.398

Tritanomaly
59, 11.405, 284.118

Monochromacy



Original Color
59, 19.309, 293.398

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 6.798, 290.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 19.309, 293.398 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(140, 139, 173)` looks like.

```
.text, #text, p{  
    color:rgb(140, 139, 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(140, 139, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 139, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 19.309, 293.398 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(140, 139, 173) }
```

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

```
.border{ border-color:rgb(140, 139, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 139, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 139, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 139, 173);  
box-shadow:4px 4px 4px 4px rgb(140, 139,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 19.309, 293.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 139, 173) }
```

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

```
.background{ background-color: rgb(140,  
139, 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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