

Converting Colors

CIELCh(59, 71.956, 314.311)

Have a look what the booklet for
CIELCh(59, 71.956, 314.311)
contains.

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Color

CIELCh(59, 71.899, 314.370)

Conversions

Conversions Part 1

Format	Color
Hex	B66EE9
RGB	182, 110, 233
RGB Percent	71%, 43%, 91%
CMY	0.2858, 0.5682, 0.0858
CMYK	0.22, 0.53, 0.00, 0.09
HSL	275°, 74%, 67%
HSV	275°, 53%, 91%
XYZ	39.6359, 27.0277, 80.3141
YIQ	145.5500, 3.4290, 53.5170

Conversions

Conversions Part 2

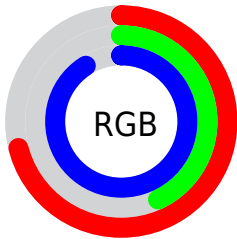
Format	Color
R_{YB}	182, 110, 233
Decimal	11955945
CIE _{Lab}	59.00, 50.28, -51.40
CIE _{LCh}	59, 71.899, 314.370
Yxy	27.0277, 0.2697, 0.1839
Android (android.graphics.Color)	4290146025 (0xFFB66EE9)
YUV	145.5500, 43.1128, 31.9666
Hunter-Lab	51.9882, 45.1093, -55.2025

Details

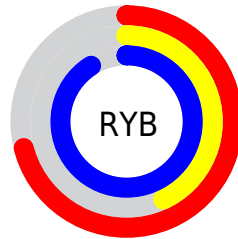
The CIELCh color **59, 71.899, 314.370** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **86, 67.644, 129.548**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 54.618, 321.475**, and **39, 72.231, 314.375** is the 20% darker color. If you saturate the color by 10%, you get **53, 84.794, 314.705**, and if you desaturate by 10%, it is **65, 58.275, 313.942**.

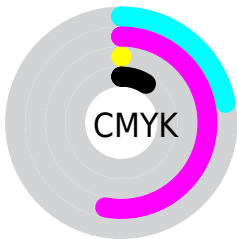
Distribution



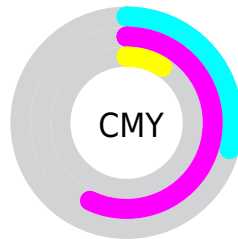
- Red (71%)
- Green (43%)
- Blue (91%)



- Red (71%)
- Yellow (43%)
- Blue (91%)



- Cyan (22%)
- Magenta (53%)
- Yellow (0%)
- Black (9%)





- Cyan (29%)
- Magenta (57%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 71.899, 314.370 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, 71.899, 314.370 by changing the saturation by 10% instead.


 59, 71.899,
314.370


 59, 71.899,
314.370


 100, 71.899,
314.370


 49, 71.899,
314.370


 79, 71.899,
314.370

 39, 71.899,
314.370

 89, 71.899,
314.370

 29, 71.899,
314.370

 99, 71.899,
314.370

 19, 71.899,
314.370

 9, 71.899, 314.370

 0, 71.899, 314.370

59, 71.899,
314.370

59, 71.899,
314.370

53, 84.794,
314.705

65, 58.275,
313.942

49, 96.293,
314.875

71, 44.395,
313.473

45, 105.564,
314.790

78, 30.555,
312.997

41, 111.831,
314.358

84, 16.933,
312.532

40, 114.635,
313.850

91, 3.626, 312.065

97, 9.316, 131.729

99, 11.252,
118.922

99, 11.071,
109.340

Harmonies

Complementary

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



59, 71.899, 314.370



86, 67.644, 129.548

Rectangle

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



59, 71.899, 314.370



59, 71.899, 4.370



59, 71.899, 134.370



59, 71.899, 184.370

Sweetspot

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



59, 71.897, 314.370



89, 22.918, 312.684



66, 41.442, 274.245



46, 15.511, 312.780



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, 71.897, 314.370



58, 91.460, 314.719



65, 71.639, 329.779



46, 7.543, 312.383



30, 94.729, 314.029



5, 38.087, 314.496

Inverse Universe

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



63, 53.080, 355.112



63, 66.593, 357.355



83, 72.248, 142.174



46, 5.641, 349.329



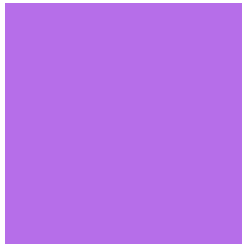
38, 65.428, 10.170



8, 28.018, 1.797

Previews

White Background



This preview shows how the CIELCh color 59, 71.899, 314.370 looks on a white background.

Color Contrast Check

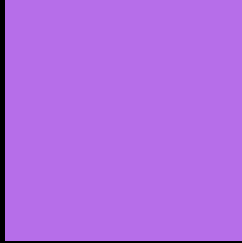
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.899, 314.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

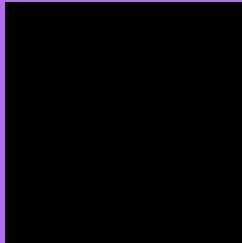
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 71.899, 314.370

Background



This preview shows how black text looks on a background with the CIELCh color 59, 71.899, 314.370.

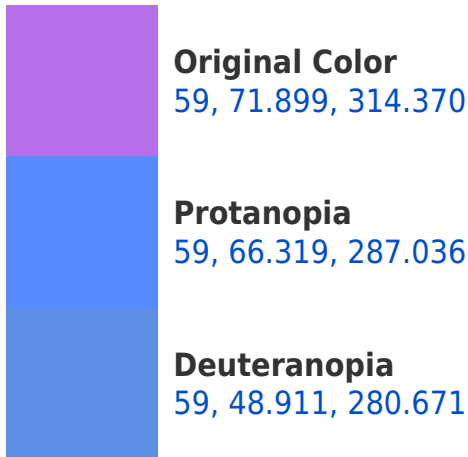



This preview shows how white text looks on a background with the CIELCh color 59, 71.899, 314.370.

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, 14.639, 358.398

Trichromacy



Original Color
59, 71.899, 314.370



Protanomaly
58, 67.305, 295.746



Deuteranomaly
58, 56.153, 295.087



Tritanomaly
59, 33.721, 324.300

Monochromacy



Original Color
59, 71.899, 314.370



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 27.269, 312.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 71.899, 314.370 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(182, 110, 233)` looks like.

```
.text, #text, p{  
    color:rgb(182, 110, 233)  
}
```

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(182, 110, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 110, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 71.899, 314.370 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(182, 110, 233) }
```

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

```
.border{ border-color:rgb(182, 110, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 110, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 110, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 110, 233);  
box-shadow:4px 4px 4px 4px rgb(182, 110,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 71.899, 314.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 110, 233) }
```

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

```
.background{ background-color: rgb(182,  
110, 233) }
```

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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