

Converting Colors

CIELCh(59, 71.712, 323.116)

Have a look what the booklet for
CIELCh(59, 71.712, 323.116)
contains.

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Color

CIELCh(59, 71.839, 323.046)

Conversions

Conversions Part 1

Format	Color
Hex	CB65DB
RGB	203, 101, 219
RGB Percent	80%, 40%, 86%
CMY	0.2049, 0.6048, 0.1421
CMYK	0.07, 0.54, 0.00, 0.14
HSL	292°, 62%, 63%
HSV	292°, 54%, 86%
XYZ	41.9490, 27.0277, 69.8591
YIQ	144.9500, 22.9140, 58.3220

Conversions

Conversions Part 2

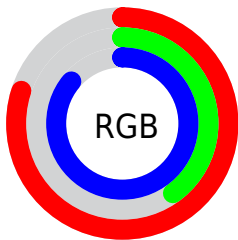
Format	Color
R _{YB}	203, 101, 219
Decimal	13329883
CIE Lab	59.00, 57.41, -43.19
CIE LCh	59, 71.839, 323.046
Yxy	27.0277, 0.3021, 0.1947
Android (android.graphics.Color)	4291519963 (0xFFFCB65DB)
YUV	144.9500, 36.5067, 50.9099
Hunter-Lab	51.9882, 53.0512, -43.2791

Details

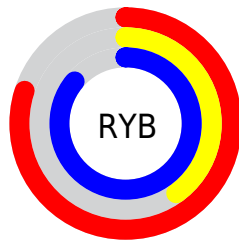
The CIELCh color **59, 71.839, 323.046** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **79, 71.168, 137.141**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.517, 326.536**, and **39, 71.484, 323.095** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.914, 323.305**, and if you desaturate by 10%, it is **64, 59.417, 322.691**.

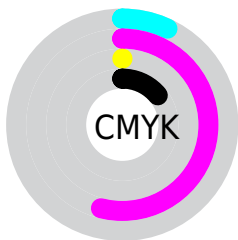
Distribution



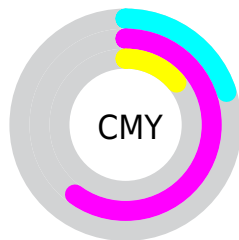
- Red (80%)
- Green (40%)
- Blue (86%)



- Red (80%)
- Yellow (40%)
- Blue (86%)



- Cyan (7%)
- Magenta (54%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (60%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 71.839, 323.046 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, 71.839, 323.046 by changing the saturation by 10% instead.


 59, 71.839,
323.046


 59, 71.839,
323.046


 100, 71.839,
323.046

 49, 71.839,
323.046


 79, 71.839,
323.046

 39, 71.839,
323.046

 89, 71.839,
323.046

 29, 71.839,
323.046

 99, 71.839,
323.046

 19, 71.839,
323.046

 9, 71.839, 323.046

 0, 71.839, 323.046

59, 71.839,
323.046

59, 71.839,
323.046

55, 82.914,
323.305

64, 59.417,
322.691

52, 92.054,
323.433

69, 46.189,
322.272

49, 98.726,
323.397

74, 32.572,
321.816

48, 102.659,
323.174

79, 18.870,
321.340

47, 104.036,
322.969

85, 5.288, 320.838

91, 8.045, 140.455

97, 21.054,
139.997

97, 21.173,
137.742

■ 97, 20.661,
135.256

Harmonies

Complementary

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



59, 71.839, 323.046



79, 71.168, 137.141

Rectangle

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



59, 71.839, 323.046



59, 71.839, 13.046



59, 71.839, 143.046



59, 71.839, 193.046

Sweetspot

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



59, 71.837, 323.046



90, 24.573, 321.446



53, 57.862, 292.278



46, 16.610, 321.546



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, 71.837, 323.046



63, 94.925, 323.336



59, 58.180, 341.060



43, 7.679, 321.122



37, 87.453, 323.047



6, 33.949, 323.445

Inverse Universe

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



58, 49.586, 16.071



61, 68.071, 19.418



79, 57.418, 150.954



43, 4.705, 9.041



36, 72.436, 33.602



5, 23.721, 14.407

Previews

White Background



This preview shows how the CIELCh color 59, 71.839, 323.046 looks on a white background.

Color Contrast Check

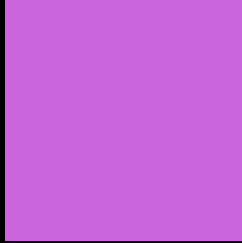
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 71.839, 323.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

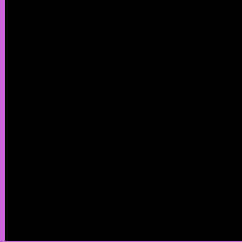
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 71.839, 323.046

Background



This preview shows how black text looks on a background with the CIELCh color 59, 71.839, 323.046.

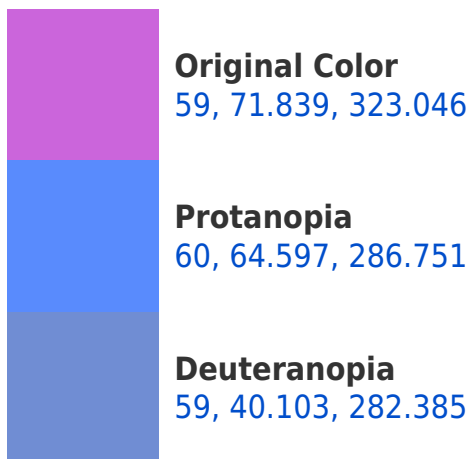


This preview shows how white text looks on a background with the CIELCh color 59, 71.839, 323.046.

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, 28.354, 12.560

Trichromacy



Original Color
59, 71.839, 323.046



Protanomaly
58, 65.813, 298.281



Deuteranomaly
58, 50.511, 302.178



Tritanomaly
59, 40.266, 341.542

Monochromacy



Original Color
59, 71.839, 323.046



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 27.955, 321.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 71.839, 323.046 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(203, 101, 219)` looks like.

```
.text, #text, p{  
    color:rgb(203, 101, 219)  
}
```

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(203, 101, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 101, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 71.839, 323.046 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(203, 101, 219) }
```

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

```
.border{ border-color:rgb(203, 101, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 101, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 101, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 101, 219);  
box-shadow:4px 4px 4px 4px rgb(203, 101,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 71.839, 323.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 101, 219) }
```

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

```
.background{ background-color: rgb(203,  
101, 219) }
```

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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