

Converting Colors

CIELCh(59, 73.979, 319.510)

Have a look what the booklet for
CIELCh(59, 73.979, 319.510)
contains.

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Color

CIELCh(59, 73.841, 319.521)

Conversions

Conversions Part 1

Format	Color
Hex	C467E3
RGB	196, 103, 227
RGB Percent	77%, 40%, 89%
CMY	0.2309, 0.5956, 0.1093
CMYK	0.14, 0.55, 0.00, 0.11
HSL	285°, 69%, 65%
HSV	285°, 55%, 89%
XYZ	41.5400, 27.0277, 75.7874
YIQ	144.9430, 15.6240, 58.2800

Conversions

Conversions Part 2

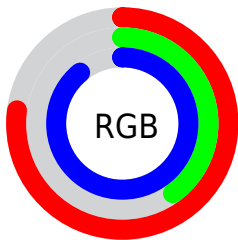
Format	Color
RYB	196, 103, 227
Decimal	12871651
CIELab	59.00, 56.17, -47.94
CIElCh	59, 73.841, 319.521
Yxy	27.0277, 0.2878, 0.1872
Android (android.graphics.Color)	4291061731 (0xFFC467E3)
YUV	144.9430, 40.4541, 44.7770
Hunter-Lab	51.9882, 51.6470, -50.0400

Details

The CIELCh color **59, 73.841, 319.521** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **82, 71.743, 134.300**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 60.331, 326.496**, and **39, 73.773, 319.412** is the 20% darker color. If you saturate the color by 10%, you get **54, 85.571, 319.740**, and if you desaturate by 10%, it is **64, 60.923, 319.191**.

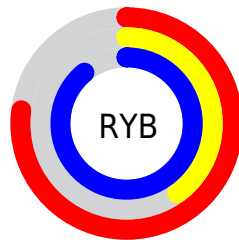
Distribution



Red (77%)

Green (40%)

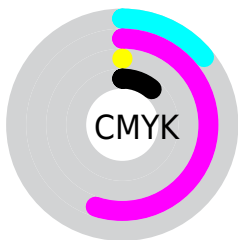
Blue (89%)



Red (77%)

Yellow (40%)

Blue (89%)

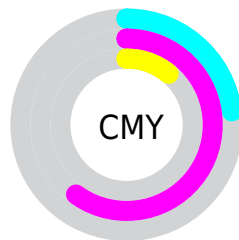


Cyan (14%)

Magenta (55%)

Yellow (0%)

Black (11%)



Cyan (23%)


Magenta (60%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 73.841, 319.521 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, 73.841, 319.521 by changing the saturation by 10% instead.


 59, 73.841,
319.521


 59, 73.841,
319.521


 100, 73.841,
319.521


 49, 73.841,
319.521


 79, 73.841,
319.521

 39, 73.841,
319.521

 89, 73.841,
319.521

 29, 73.841,
319.521

 99, 73.841,
319.521

 19, 73.841,
319.521

 9, 73.841, 319.521

 0, 73.841, 319.521

■ 59, 73.841,
319.521

■ 59, 73.841,
319.521

■ 54, 85.571,
319.740

■ 64, 60.923,
319.191

■ 50, 95.460,
319.795

■ 70, 47.363,
318.792

■ 47, 102.849,
319.630

■ 75, 33.556,
318.360

■ 45, 107.313,
319.197

■ 81, 19.768,
317.914

■ 44, 108.810,
318.881

■ 87, 6.170, 317.457

■ 94, 7.138, 137.105

■ 98, 15.793,
134.839

■ 98, 14.987,
127.975

■ 99, 14.422,
120.366

Harmonies

Complementary

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



59, 73.841, 319.521



82, 71.743, 134.300

Rectangle

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



59, 73.841, 319.521



59, 73.841, 9.521



59, 73.841, 139.521



59, 73.841, 189.521

Sweetspot

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



59, 73.839, 319.521



89, 23.830, 317.982



58, 53.062, 287.140



46, 16.116, 318.074



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, 73.839, 319.521



60, 95.539, 319.764



62, 64.606, 336.349



45, 7.719, 317.684



35, 90.813, 319.013



6, 36.946, 319.857

Inverse Universe

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



60, 51.575, 7.529



61, 67.709, 10.854



82, 64.749, 147.096



45, 5.076, 0.362



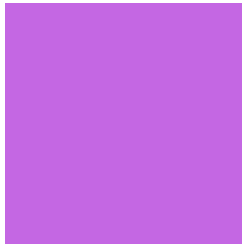
37, 68.847, 25.321



7, 26.640, 11.124

Previews

White Background



This preview shows how the CIELCh color 59, 73.841, 319.521 looks on a white background.

Color Contrast Check

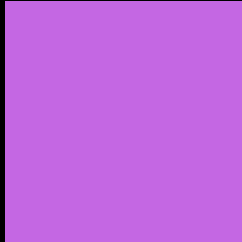
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.841, 319.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

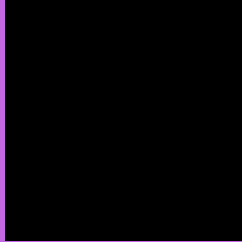
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 73.841, 319.521

Background



This preview shows how black text looks on a background with the CIELCh color 59, 73.841, 319.521.

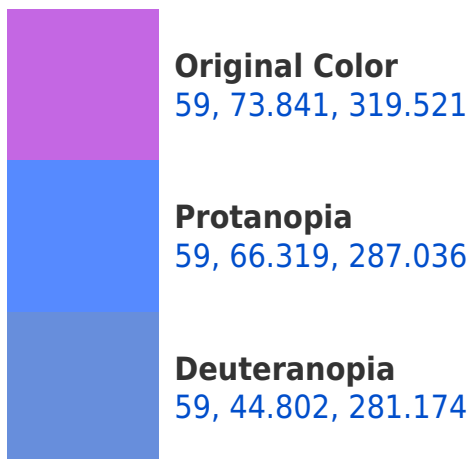


This preview shows how white text looks on a background with the CIELCh color 59, 73.841, 319.521.

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, 23.308, 9.617

Trichromacy



Original Color
59, 73.841, 319.521



Protanomaly
58, 68.015, 297.564



Deuteranomaly
58, 54.079, 298.751



Tritanomaly
59, 38.418, 335.792

Monochromacy



Original Color
59, 73.841, 319.521



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 28.424, 318.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 73.841, 319.521 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(196, 103, 227)` looks like.

```
.text, #text, p{  
    color:rgb(196, 103, 227)  
}
```

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(196, 103, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 103, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 73.841, 319.521 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(196, 103, 227) }
```

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

```
.border{ border-color:rgb(196, 103, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 103, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 103, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 103, 227);  
box-shadow:4px 4px 4px 4px rgb(196, 103,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 73.841, 319.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 103, 227) }
```

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

```
.background{ background-color: rgb(196,  
103, 227) }
```

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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