

Converting Colors

CIELCh(59, 102.541, 322.797)

Have a look what the booklet for
CIELCh(59, 102.541, 322.797)
contains.

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Color

CIELCh(59, 102.524, 322.751)

Conversions

Conversions Part 1

Format	Color
Hex	E044FD
RGB	224, 68, 253
RGB Percent	88%, 27%, 99%
CMY	0.1221, 0.7339, 0.0083
CMYK	0.11, 0.73, 0.00, 0.01
HSL	291°, 98%, 63%
HSV	291°, 73%, 99%
XYZ	50.4693, 27.0277, 95.3817
YIQ	135.7340, 33.5910, 90.6070

Conversions

Conversions Part 2

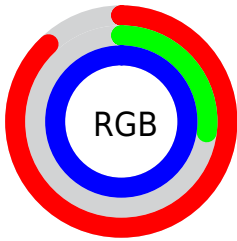
Format	Color
R _Y B	224, 68, 253
Decimal	14697725
CIE _{Lab}	59.00, 81.61, -62.06
CIE _{LCh}	59, 102.524, 322.751
Yxy	27.0277, 0.2919, 0.1563
Android (android.graphics.Color)	4292887805 (0xFFE044FD)
YUV	135.7340, 57.8121, 77.4093
Hunter-Lab	51.9882, 82.3056, -72.3864

Details

The CIELCh color **59, 102.524, 322.751** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **89, 101.963, 135.352**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 76.316, 327.019**, and **41, 95.710, 322.148** is the 20% darker color. If you saturate the color by 10%, you get **56, 110.205, 322.690**, and if you desaturate by 10%, it is **63, 92.067, 322.636**.

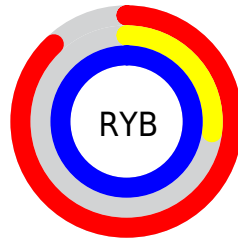
Distribution



Red (88%)

Green (27%)

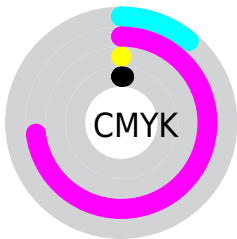
Blue (99%)



Red (88%)

Yellow (27%)

Blue (99%)

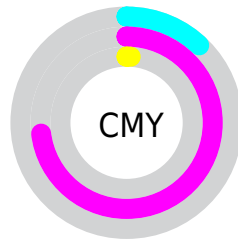


Cyan (11%)

Magenta (73%)

Yellow (0%)

Black (1%)



Cyan (12%)


Magenta (73%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 102.524, 322.751 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, 102.524, 322.751 by changing the saturation by 10% instead.


 59, 102.524,
322.751


 59, 102.524,
322.751


 100, 102.524,
322.751


 49, 102.524,
322.751


 79, 102.524,
322.751


 39, 102.524,
322.751


 89, 102.524,
322.751

 29, 102.524,
322.751

 99, 102.524,
322.751

 19, 102.524,
322.751

 9, 102.524,
322.751

 0, 102.524,
322.751

59, 102.524,
322.751

59, 102.524,
322.751

56, 110.205,
322.690

63, 92.067,
322.636

54, 114.765,
322.423

67, 79.474,
322.382

53, 116.383,
322.140

73, 65.430,
322.029

78, 50.536,
321.611

84, 35.258,
321.157

91, 19.924,
320.685

97, 4.753, 320.179

100, 1.066,
110.026

Harmonies

Complementary

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



59, 102.524, 322.751



89, 101.963, 135.352

Rectangle

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



59, 102.524, 322.751



59, 102.524, 12.751



59, 102.524, 142.751



59, 102.524, 192.751

Sweetspot

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



59, 102.522, 322.751



86, 33.699, 321.103



48, 89.458, 296.816



44, 22.665, 321.229



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, 102.522, 322.751



55, 113.538, 322.586



61, 82.547, 342.696



50, 8.639, 320.509



40, 94.305, 322.237



10, 43.286, 322.928

Inverse Universe

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



58, 75.178, 20.769



55, 88.335, 27.538



88, 84.561, 147.104



50, 5.356, 7.405



40, 77.131, 32.641



10, 32.240, 20.732

Previews

White Background



This preview shows how the CIELCh color 59, 102.524, 322.751 looks on a white background.

Color Contrast Check

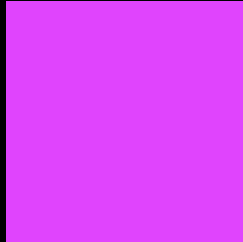
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102.524, 322.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

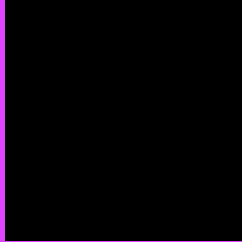
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 102.524, 322.751

Background



This preview shows how black text looks on a background with the CIELCh color 59, 102.524, 322.751.



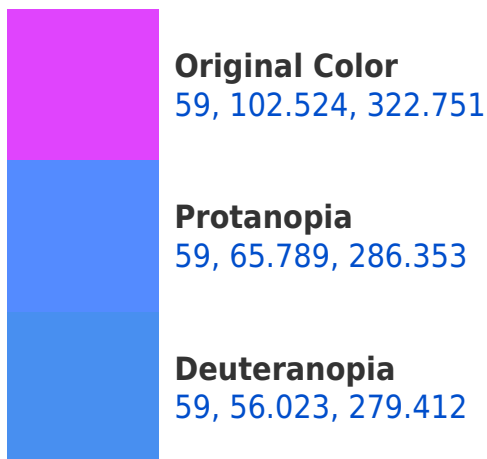
This preview shows how white text looks on a background with the CIELCh color 59, 102.524, 322.751.

322.751.

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, 39.104, 16.965

Trichromacy



Original Color
59, 102.524, 322.751



Protanomaly
56, 80.193, 302.395



Deuteranomaly
56, 73.573, 300.166



Tritanomaly
58, 56.698, 342.194

Monochromacy



Original Color
59, 102.524, 322.751



Achromatopsia
57, 0.007, 296.813



Achromatomaly
55, 43.621, 321.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 102.524, 322.751 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(224, 68, 253)` looks like.

```
.text, #text, p{  
    color:rgb(224, 68, 253)  
}
```

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(224, 68, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 68, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 102.524, 322.751 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(224, 68, 253) }
```

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

```
.border{ border-color:rgb(224, 68, 253) }
```

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

Here you see how a box with a 4 pixel rgb(224, 68, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 68, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 68, 253);  
box-shadow:4px 4px 4px 4px rgb(224, 68,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 102.524, 322.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 68, 253) }
```

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

```
.background{ background-color: rgb(224, 68,  
253) }
```

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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