

Converting Colors

CIELCh(71, 59.952, 319.138)

Have a look what the booklet for
CIELCh(71, 59.952, 319.138)
contains.

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Color

CIELCh(71, 59.952, 319.138)

Conversions

Conversions Part 1

Format	Color
Hex	DD91F6
RGB	221, 145, 246
RGB Percent	87%, 57%, 96%
CMY	0.1340, 0.4320, 0.0360
CMYK	0.10, 0.41, 0.00, 0.04
HSL	285°, 85%, 77%
HSV	285°, 41%, 96%
XYZ	56.4720, 42.1875, 92.2129
YIQ	179.2380, 12.8750, 47.5230

Conversions

Conversions Part 2

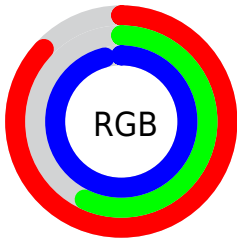
Format	Color
R _Y B	221, 145, 246
Decimal	14520822
CIE Lab	71.00, 45.34, -39.22
CIE LCh	71, 59.952, 319.138
Yxy	42.1875, 0.2959, 0.2210
Android (android.graphics.Color)	4292710902 (0xFFDD91F6)
YUV	179.2380, 32.9137, 36.6253
Hunter-Lab	64.9519, 41.5299, -38.7083

Details

The CIELCh color **71, 59.952, 319.138** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **90, 58.556, 135.177**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 34.496, 325.624**, and **51, 60.021, 319.162** is the 20% darker color. If you saturate the color by 10%, you get **65, 74.003, 319.497**, and if you desaturate by 10%, it is **77, 45.361, 318.723**.

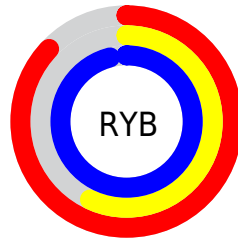
Distribution



Red (87%)

Green (57%)

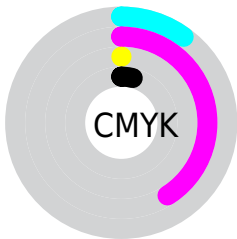
Blue (96%)



Red (87%)

Yellow (57%)

Blue (96%)

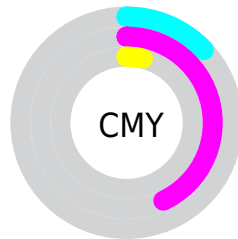


Cyan (10%)

Magenta (41%)

Yellow (0%)

Black (4%)



Cyan (13%)


Magenta (43%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 59.952, 319.138 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 71, 59.952, 319.138 by changing the saturation by 10% instead.


 71, 59.952,
319.138


 71, 59.952,
319.138


 100, 59.952,
319.138


 61, 59.952,
319.138


 91, 59.952,
319.138

 51, 59.952,
319.138

 41, 59.952,
319.138

 31, 59.952,
319.138

 21, 59.952,
319.138

 11, 59.952,
319.138

 1, 59.952, 319.138

■ 0, 59.952, 319.138

■ 71, 59.952,
319.138

■ 71, 59.952,
319.138

■ 65, 74.003,
319.497

■ 77, 45.361,
318.723

■ 60, 86.989,
319.759

■ 83, 30.614,
318.282

■ 56, 98.233,
319.874

■ 90, 15.958,
317.833

■ 52, 107.009,
319.785

■ 96, 1.548, 317.269

■ 50, 112.750,
319.440

■ 100, 4.844,
125.655

■ 48, 115.485,
318.924

■ 100, 4.642,
109.815

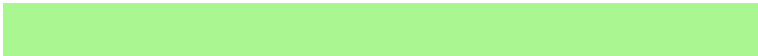
Harmonies

Complementary

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



71, 59.952, 319.138



90, 58.556, 135.177

Rectangle

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



71, 59.952, 319.138



71, 59.952, 9.138



71, 59.952, 139.138



71, 59.952, 189.138

Sweetspot

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



71, 59.950, 319.138



92, 17.820, 317.876



70, 41.750, 283.918



48, 11.834, 317.935



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 59.950, 319.138



69, 73.286, 319.432



73, 53.228, 335.249



48, 8.145, 317.761



36, 93.662, 319.068



8, 41.407, 320.175

Inverse Universe

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



71, 41.135, 4.901



69, 50.822, 6.497



89, 52.913, 148.781



48, 5.348, 0.544



39, 71.221, 25.709



9, 29.825, 14.312

Previews

White Background



This preview shows how the CIELCh color 71, 59.952, 319.138 looks on a white background.

Color Contrast Check

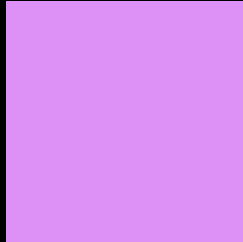
Large Text (above 18pt) WCAG AA × Fail

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 71, 59.952, 319.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

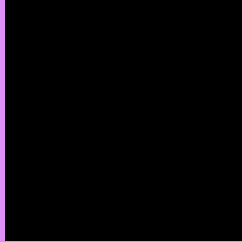
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 59.952, 319.138

Background



This preview shows how black text looks on a background with the CIELCh color 71, 59.952, 319.138.



This preview shows how white text looks on a background with the CIELCh color 71, 59.952, 319.138.

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
71, 19.966, 2.342

Trichromacy



Original Color
71, 59.952, 319.138



Protanomaly
70, 50.038, 299.005



Deuteranomaly
71, 44.702, 300.374



Tritanomaly
71, 32.110, 334.371

Monochromacy



Original Color
71, 59.952, 319.138



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 21.976, 318.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 59.952, 319.138 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(221, 145, 246)` looks like.

```
.text, #text, p{  
    color:rgb(221, 145, 246)  
}
```

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(221, 145, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 145, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 59.952, 319.138 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(221, 145, 246) }
```

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

```
.border{ border-color:rgb(221, 145, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 145, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 145, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 145, 246);  
box-shadow:4px 4px 4px 4px rgb(221, 145,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 59.952, 319.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 145, 246) }
```

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

```
.background{ background-color: rgb(221,  
145, 246) }
```

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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