

Converting Colors

CIELCh(78, 119.451, 306.809)

Have a look what the booklet for
CIELCh(78, 119.451, 306.809)
contains.

CIELCh(72, 61.991, 315.798)	3
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Color

CIELCh(72, 61.991, 315.798)

Conversions

Conversions Part 1

Format	Color
Hex	DA95FF
RGB	218, 149, 255
RGB Percent	85%, 58%, 100%
CMY	0.1451, 0.4160, 0.0000
CMYK	0.15, 0.42, 0.00, 0.00
HSL	279°, 100%, 79%
HSV	279°, 42%, 100%
XYZ	57.8576, 43.6590, 100.8318
YIQ	181.7150, 7.0980, 47.5940

Conversions

Conversions Part 2

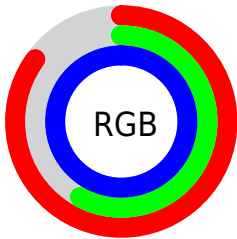
Format	Color
R _Y B	218, 149, 255
Decimal	14325247
CIE Lab	72.00, 44.44, -43.22
CIE LCh	72, 61.991, 315.798
Yxy	43.6590, 0.2859, 0.2158
Android (android.graphics.Color)	4292515327 (0xFFDA95FF)
YUV	181.7150, 36.1295, 31.8219
Hunter-Lab	66.0750, 40.6696, -44.2253

Details

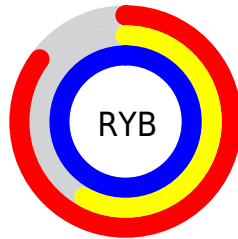
The CIELCh color `72, 61.991, 315.798` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `94, 59.212, 132.147`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 31.983, 325.537`, and `52, 61.811, 315.907` is the 20% darker color. If you saturate the color by 10%, you get `66, 76.092, 316.368`, and if you desaturate by 10%, it is `78, 46.555, 315.544`.

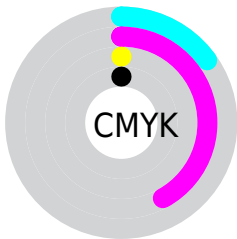
Distribution



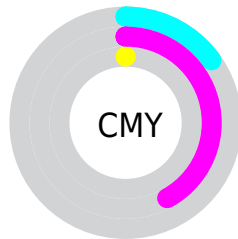
- Red (85%)
- Green (58%)
- Blue (100%)



- Red (85%)
- Yellow (58%)
- Blue (100%)



- Cyan (15%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (42%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 61.991, 315.798 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 72, 61.991, 315.798 by changing the saturation by 10% instead.


 72, 61.991,
315.798


 72, 61.991,
315.798


 100, 61.991,
315.798


 62, 61.991,
315.798


 92, 61.991,
315.798

 52, 61.991,
315.798

 42, 61.991,
315.798

 32, 61.991,
315.798

 22, 61.991,
315.798

 12, 61.991,
315.798

 2, 61.991, 315.798

0, 61.991, 315.798

72, 61.991,
315.798

72, 61.991,
315.798

66, 76.092,
316.368

78, 46.555,
315.544

60, 89.784,
316.658

85, 31.573,
315.092

55, 101.873,
316.788

92, 16.777,
314.644

51, 111.521,
316.680

99, 2.291, 314.146

48, 117.986,
316.258

100, 0.012,
296.813

46, 121.045,
315.664

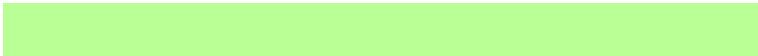
Harmonies

Complementary

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



72, 61.991, 315.798



94, 59.212, 132.147

Rectangle

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



72, 61.991, 315.798



72, 61.991, 5.798



72, 61.991, 135.798



72, 61.991, 185.798

Sweetspot

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



72, 61.509, 315.980



92, 17.367, 314.662



75, 38.254, 277.027



48, 11.537, 314.720



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 61.509, 315.980



67, 73.806, 316.311



75, 59.368, 331.435



49, 8.205, 314.550



34, 97.376, 315.843



8, 44.415, 317.113

Inverse Universe

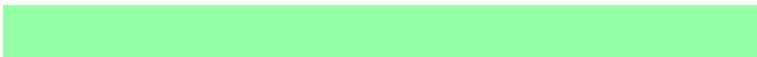
The Inverse Universe completely reimagines the original color for something new.



74, 44.189, 357.693



69, 53.010, 359.236



92, 59.397, 145.402



50, 5.814, 353.507



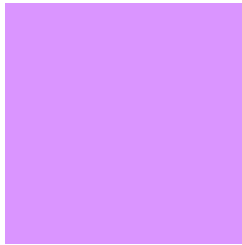
40, 69.257, 16.729



10, 31.312, 9.086

Previews

White Background



This preview shows how the CIELCh color 72, 61.991, 315.798 looks on a white background.

Color Contrast Check

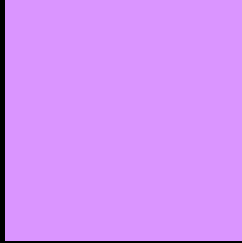
Large Text (above 18pt) WCAG AA × Fail

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 72, 61.991, 315.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

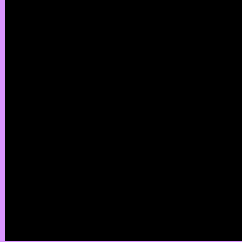
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 61.991, 315.798

Background



This preview shows how black text looks on a background with the CIELCh color 72, 61.991, 315.798.



This preview shows how white text looks on a background with the CIELCh color 72, 61.991, 315.798.

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



Original Color
72, 61.465, 315.973

Protanopia
72, 44.355, 284.910

Deuteranopia
72, 41.151, 283.691



Tritanopia
72, 16.587, 357.909

Trichromacy



Original Color
72, 61.465, 315.973



Protanomaly
72, 49.249, 297.896



Deuteranomaly
72, 47.057, 297.882

Tritanomaly
72, 30.813, 328.030

Monochromacy



Original Color
72, 61.465, 315.973



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 23.088, 314.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 61.991, 315.798 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(218, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 149, 255)  
}
```

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(218, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 149, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 61.991, 315.798 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(218, 149, 255) }
```

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

```
.border{ border-color:rgb(218, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 149,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 61.991, 315.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 149, 255) }
```

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

```
.background{ background-color: rgb(218,  
149, 255) }
```

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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