

Converting Colors

CIELCh(72, 65.506, 310.177)

Have a look what the booklet for
CIELCh(72, 65.506, 310.177)
contains.

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Color

CIELCh(71, 58.672, 311.892)

Conversions

Conversions Part 1

Format	Color
Hex	CD97FE
RGB	205, 151, 254
RGB Percent	80%, 59%, 100%
CMY	0.1968, 0.4083, 0.0048
CMYK	0.19, 0.41, 0.00, 0.00
HSL	271°, 98%, 79%
HSV	271°, 41%, 100%
XYZ	54.0239, 42.1875, 98.8771
YIQ	178.8880, -0.8790, 43.4810

Conversions

Conversions Part 2

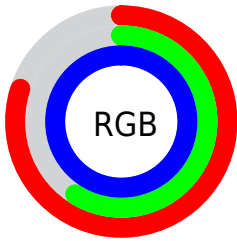
Format	Color
R _Y B	205, 151, 254
Decimal	13473790
CIE Lab	71.00, 39.18, -43.68
CIE LCh	71, 58.672, 311.892
Yxy	42.1875, 0.2769, 0.2162
Android (android.graphics.Color)	4291663870 (0xFFCD97FE)
YUV	178.8880, 37.0302, 22.9002
Hunter-Lab	64.9519, 34.8021, -44.7916

Details

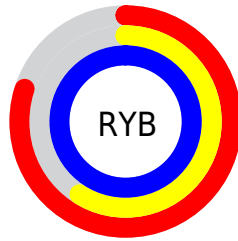
The CIELCh color $71, 58.672, 311.892$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 55.493, 127.999$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.725, 325.494$, and $51, 58.770, 311.897$ is the 20% darker color. If you saturate the color by 10%, you get $64, 73.447, 312.398$, and if you desaturate by 10%, it is $78, 43.808, 311.366$.

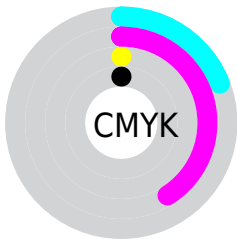
Distribution



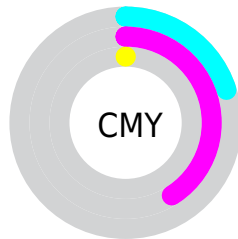
- Red (80%)
- Green (59%)
- Blue (100%)



- Red (80%)
- Yellow (59%)
- Blue (100%)



- Cyan (19%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 58.672, 311.892 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, 58.672, 311.892 by changing the saturation by 10% instead.


 71, 58.672,
311.892


 71, 58.672,
311.892


 100, 58.672,
311.892


 61, 58.672,
311.892


 91, 58.672,
311.892

 51, 58.672,
311.892

 41, 58.672,
311.892

 31, 58.672,
311.892

 21, 58.672,
311.892

 11, 58.672,
311.892

 1, 58.672, 311.892

0, 58.672, 311.892

71, 58.672,
311.892

71, 58.672,
311.892

64, 73.447,
312.398

78, 43.808,
311.366

58, 87.704,
312.835

85, 29.119,
310.851

52, 100.768,
313.129

92, 14.747,
310.362

48, 111.723,
313.180

99, 0.762, 309.729

44, 119.580,
312.874

100, 0.607,
110.005

41, 123.938,
312.237

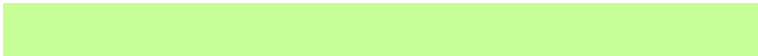
Harmonies

Complementary

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



71, 58.672, 311.892



94, 55.493, 127.999

Rectangle

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



71, 58.672, 311.892



71, 58.672, 1.892



71, 58.672, 131.892



71, 58.672, 181.892

Sweetspot

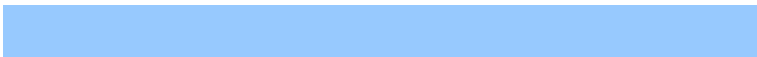
The Sweet Spot groups the original color and five complimentary colors.



71, 58.670, 311.892



91, 16.880, 310.432



79, 31.389, 264.377



48, 11.217, 310.494



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, 58.670, 311.892



66, 71.461, 312.324



76, 63.151, 327.094



49, 7.970, 310.313



31, 100.012, 312.431



6, 44.870, 313.541

Inverse Universe

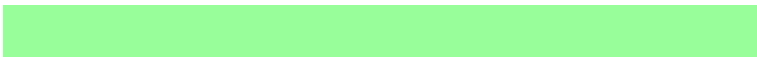
The Inverse Universe completely reimagines the original color for something new.



74, 45.474, 349.203



70, 54.750, 350.450



92, 63.300, 141.737



50, 6.282, 345.740



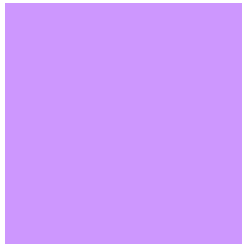
41, 68.057, 4.419



10, 31.663, 358.450

Previews

White Background



This preview shows how the CIELCh color 71, 58.672, 311.892 looks on a white background.

Color Contrast Check

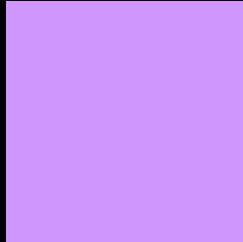
Large Text (above 18pt) WCAG AA × Fail

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, 58.672, 311.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

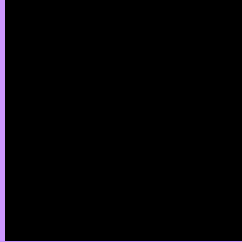
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 58.672, 311.892

Background



This preview shows how black text looks on a background with the CIELCh color 71, 58.672, 311.892.



This preview shows how white text looks on a background with the CIELCh color 71, 58.672, 311.892.

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, 11.810, 343.635

Trichromacy



Original Color
71, 58.722, 311.900



Protanomaly
71, 49.775, 295.868



Deuteranomaly
71, 47.623, 295.747

Tritanomaly
71, 28.297, 319.258

Monochromacy



Original Color
71, 58.722, 311.900



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 21.371, 310.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 58.672, 311.892 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(205, 151, 254)` looks like.

```
.text, #text, p{  
    color:rgb(205, 151, 254)  
}
```

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(205, 151, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 151, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 58.672, 311.892 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(205, 151, 254) }
```

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

```
.border{ border-color:rgb(205, 151, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 151, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 151, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 151, 254);  
box-shadow:4px 4px 4px 4px rgb(205, 151,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 58.672, 311.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 151, 254) }
```

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

```
.background{ background-color: rgb(205,  
151, 254) }
```

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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