

Converting Colors

CIELCh(71, 57.839, 310.572)

Have a look what the booklet for
CIELCh(71, 57.839, 310.572)
contains.

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Color

CIELCh(71, 57.898, 310.790)

Conversions

Conversions Part 1

Format	Color
Hex	CA98FE
RGB	202, 152, 254
RGB Percent	79%, 60%, 100%
CMY	0.2077, 0.4038, 0.0038
CMYK	0.20, 0.40, 0.00, 0.00
HSL	269°, 98%, 80%
HSV	269°, 40%, 100%
XYZ	53.4963, 42.1875, 99.1214
YIQ	178.5780, -2.9420, 42.3220

Conversions

Conversions Part 2

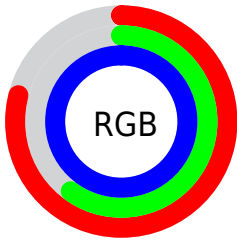
Format	Color
R _Y B	202, 152, 254
Decimal	13277438
CIE Lab	71.00, 37.82, -43.84
CIE LCh	71, 57.898, 310.790
Yxy	42.1875, 0.2746, 0.2166
Android (android.graphics.Color)	4291467518 (0xFFCA98FE)
YUV	178.5780, 37.1830, 20.5411
Hunter-Lab	64.9519, 33.3519, -45.0146

Details

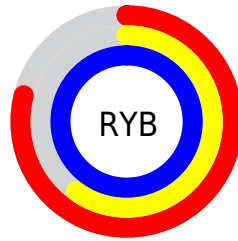
The CIELCh color **71, 57.898, 310.790** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **94, 54.524, 126.816**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 30.096, 325.472**, and **51, 57.995, 310.762** is the 20% darker color. If you saturate the color by 10%, you get **64, 72.747, 311.342**, and if you desaturate by 10%, it is **78, 43.034, 310.229**.

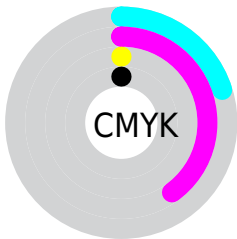
Distribution



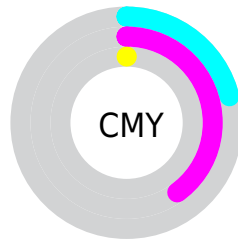
- Red (79%)
- Green (60%)
- Blue (100%)



- Red (79%)
- Yellow (60%)
- Blue (100%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 57.898, 310.790 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, 57.898, 310.790 by changing the saturation by 10% instead.


 71, 57.898,
310.790


 71, 57.898,
310.790


 100, 57.898,
310.790


 61, 57.898,
310.790


 91, 57.898,
310.790

 51, 57.898,
310.790

 41, 57.898,
310.790

 31, 57.898,
310.790

 21, 57.898,
310.790

 11, 57.898,
310.790

 1, 57.898, 310.790

■ 0, 57.898, 310.790

■ 71, 57.898,
310.790

■ 71, 57.898,
310.790

■ 64, 72.747,
311.342

■ 78, 43.034,
310.229

■ 58, 87.175,
311.836

■ 85, 28.394,
309.688

■ 52, 100.525,
312.196

■ 92, 14.103,
309.181

■ 47, 111.868,
312.318

■ 100, 0.219,
308.103

■ 43, 120.149,
312.079

■ 100, 0.476,
109.980

■ 40, 124.958,
311.456

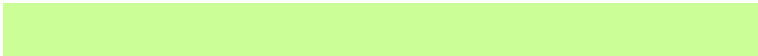
Harmonies

Complementary

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



71, 57.898, 310.790



94, 54.524, 126.816

Rectangle

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



71, 57.898, 310.790



71, 57.898, 0.790



71, 57.898, 130.790



71, 57.898, 180.790

Sweetspot

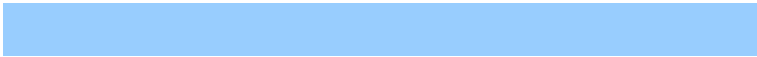
The Sweet Spot groups the original color and five complimentary colors.



71, 57.896, 310.790



91, 16.766, 309.272



80, 29.973, 260.561



48, 11.142, 309.337



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, 57.896, 310.790



66, 69.783, 311.227



76, 63.082, 326.112



49, 7.915, 309.149



30, 100.745, 311.649



6, 44.909, 312.608

Inverse Universe

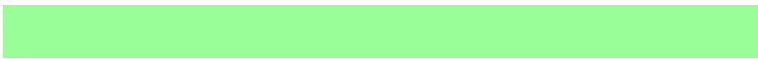
The Inverse Universe completely reimagines the original color for something new.



75, 45.925, 347.130



71, 54.649, 348.203



92, 63.139, 140.988



50, 6.425, 343.878



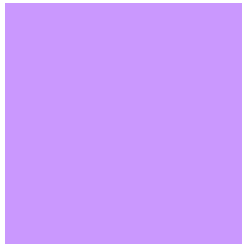
41, 68.361, 1.182



10, 31.965, 355.736

Previews

White Background



This preview shows how the CIELCh color 71, 57.898, 310.790 looks on a white background.

Color Contrast Check

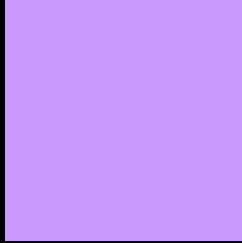
Large Text (above 18pt) WCAG AA × Fail

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, 57.898, 310.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

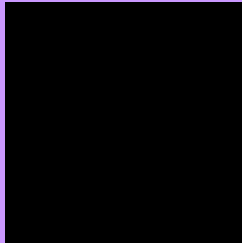
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 57.898, 310.790

Background



This preview shows how black text looks on a background with the CIELCh color 71, 57.898, 310.790.

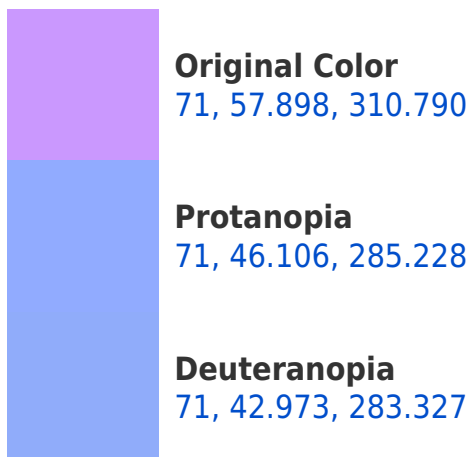


This preview shows how white text looks on a background with the CIELCh color 71, 57.898, 310.790.

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, 10.915, 339.911

Trichromacy



Original Color
71, 57.898, 310.790



Protanomaly
71, 49.771, 295.531



Deuteranomaly
71, 47.023, 294.613

Tritanomaly
71, 27.686, 316.531

Monochromacy



Original Color
71, 57.898, 310.790



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 21.263, 309.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 57.898, 310.790 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(202, 152, 254)` looks like.

```
.text, #text, p{  
    color:rgb(202, 152, 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(202, 152, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 152, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 57.898, 310.790 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(202, 152, 254) }
```

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

```
.border{ border-color:rgb(202, 152, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 152, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 152, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 152, 254);  
box-shadow:4px 4px 4px 4px rgb(202, 152,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 57.898, 310.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 152, 254) }
```

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

```
.background{ background-color: rgb(202,  
152, 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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