

Converting Colors

CIELCh(71, 57.022, 310.339)

Have a look what the booklet for
CIELCh(71, 57.022, 310.339)
contains.

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Color

CIELCh(71, 56.706, 310.427)

Conversions

Conversions Part 1

Format	Color
Hex	C999FD
RGB	201, 153, 253
RGB Percent	79%, 60%, 99%
CMY	0.2126, 0.4007, 0.0087
CMYK	0.21, 0.40, 0.00, 0.01
HSL	269°, 96%, 80%
HSV	269°, 40%, 99%
XYZ	53.0885, 42.1875, 98.0992
YIQ	178.7520, -3.4920, 41.2760

Conversions

Conversions Part 2

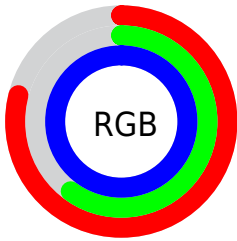
Format	Color
RYB	201, 153, 253
Decimal	13212157
CIELab	71.00, 36.77, -43.17
CIELCh	71, 56.706, 310.427
Yxy	42.1875, 0.2745, 0.2182
Android (android.graphics.Color)	4291402237 (0xFFC999FD)
YUV	178.7520, 36.6043, 19.5115
Hunter-Lab	64.9519, 32.2314, -44.0815

Details

The CIELCh color $71, 56.706, 310.427$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 53.378, 126.474$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 29.467, 325.450$, and $51, 56.781, 310.376$ is the 20% darker color. If you saturate the color by 10%, you get $64, 71.520, 310.995$, and if you desaturate by 10%, it is $78, 41.912, 309.855$.

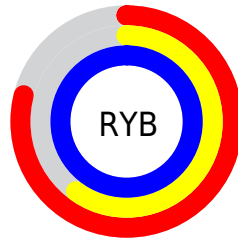
Distribution



Red (79%)

Green (60%)

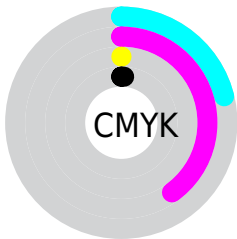
Blue (99%)



Red (79%)

Yellow (60%)

Blue (99%)

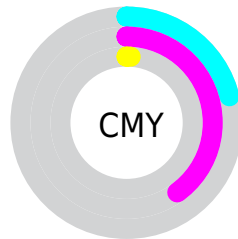


Cyan (21%)

Magenta (40%)

Yellow (0%)

Black (1%)



Cyan (21%)


Magenta (40%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 56.706, 310.427 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, 56.706, 310.427 by changing the saturation by 10% instead.


 71, 56.706,
310.427


 71, 56.706,
310.427


 100, 56.706,
310.427


 61, 56.706,
310.427


 91, 56.706,
310.427

 51, 56.706,
310.427

 41, 56.706,
310.427

 31, 56.706,
310.427

 21, 56.706,
310.427

 11, 56.706,
310.427

 1, 56.706, 310.427

0, 56.706, 310.427

71, 56.706,
310.427

71, 56.706,
310.427

64, 71.520,
310.995

78, 41.912,
309.855

58, 85.970,
311.512

85, 27.364,
309.307

52, 99.420,
311.903

92, 13.176,
308.795

47, 110.956,
312.063

100, 0.599,
128.568

43, 119.506,
311.867

100, 1.108,
110.025

40, 124.571,
311.262

■ 40,124.768,
311.234

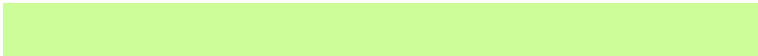
Harmonies

Complementary

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



71, 56.706, 310.427



94, 53.378, 126.474

Rectangle

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



71, 56.706, 310.427



71, 56.706, 0.427



71, 56.706, 130.427



71, 56.706, 180.427

Sweetspot

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



71, 56.704, 310.427



91, 16.733, 308.918



81, 28.916, 258.460



48, 11.120, 308.984



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, 56.704, 310.427



66, 68.238, 310.854



76, 61.704, 325.592



49, 7.899, 308.793



30, 100.967, 311.424



6, 44.915, 312.328

Inverse Universe

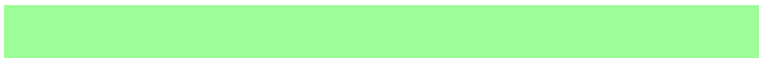
The Inverse Universe completely reimagines the original color for something new.



75, 45.337, 346.458



71, 53.882, 347.445



91, 61.671, 140.679



50, 6.469, 343.330



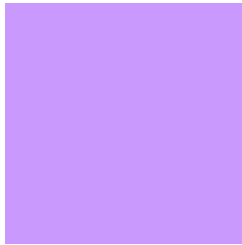
41, 68.503, 0.215



11, 32.072, 354.930

Previews

White Background



This preview shows how the CIELCh color 71, 56.706, 310.427 looks on a white background.

Color Contrast Check

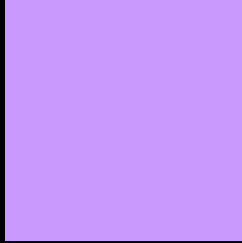
Large Text (above 18pt) WCAG AA × Fail

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, 56.706, 310.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

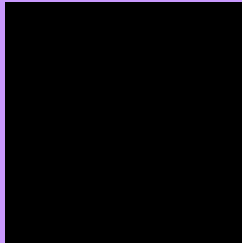
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 56.706, 310.427

Background



This preview shows how black text looks on a background with the CIELCh color 71, 56.706, 310.427.

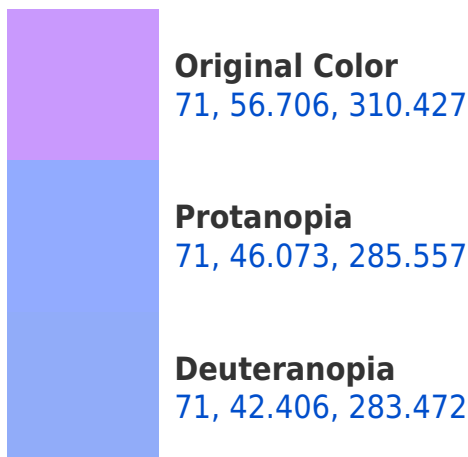


This preview shows how white text looks on a background with the CIELCh color 71, 56.706, 310.427.

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, 10.632, 338.544

Trichromacy



Original Color
71, 56.706, 310.427

Protanomaly
71, 49.233, 295.496

Deuteranomaly
71, 46.484, 294.567

Tritanomaly
71, 27.058, 316.299

Monochromacy



Original Color
71, 56.706, 310.427

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, 56.706, 310.427 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(201, 153, 253)` looks like.

```
.text, #text, p{  
    color:rgb(201, 153, 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(201, 153, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 153, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 56.706, 310.427 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(201, 153, 253) }
```

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

```
.border{ border-color:rgb(201, 153, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 153, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 153, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 153, 253);  
box-shadow:4px 4px 4px 4px rgb(201, 153,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 56.706, 310.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 153, 253) }
```

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

```
.background{ background-color: rgb(201,  
153, 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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