

Converting Colors

CIELCh(71, 74.338, 306.287)

Have a look what the booklet for
CIELCh(71, 74.338, 306.287)
contains.

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Color

CIELCh(70, 59.739, 308.487)

Conversions

Conversions Part 1

Format	Color
Hex	C296FF
RGB	194, 150, 255
RGB Percent	76%, 59%, 100%
CMY	0.2376, 0.4105, 0.0000
CMYK	0.24, 0.41, 0.00, 0.00
HSL	265°, 100%, 79%
HSV	265°, 41%, 100%
XYZ	51.5924, 40.7494, 100.9760
YIQ	175.1260, -7.4810, 41.9830

Conversions

Conversions Part 2

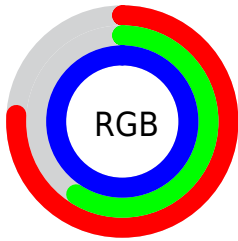
Format	Color
RYB	194, 150, 255
Decimal	12752639
CIELab	70.00, 37.18, -46.76
CIElCh	70, 59.739, 308.487
Yxy	40.7494, 0.2669, 0.2108
Android (android.graphics.Color)	4290942719 (0xFFC296FF)
YUV	175.1260, 39.3779, 16.5525
Hunter-Lab	63.8353, 32.5540, -49.1015

Details

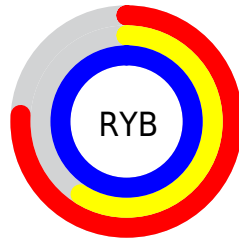
The CIELCh color $70, 59.739, 308.487$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 54.916, 124.221$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.814, 323.824$, and $50, 59.493, 308.584$ is the 20% darker color. If you saturate the color by 10%, you get $63, 73.995, 309.307$, and if you desaturate by 10%, it is $77, 44.079, 307.994$.

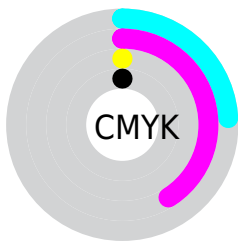
Distribution



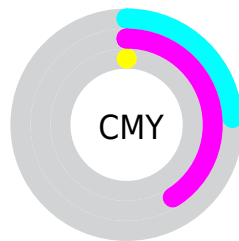
- Red (76%)
- Green (59%)
- Blue (100%)



- Red (76%)
- Yellow (59%)
- Blue (100%)



- Cyan (24%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 59.739, 308.487 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 70, 59.739, 308.487 by changing the saturation by 10% instead.


 70, 59.739,
308.487


 70, 59.739,
308.487


 100, 59.739,
308.487

 60, 59.739,
308.487


 90, 59.739,
308.487

 50, 59.739,
308.487

 40, 59.739,
308.487

 30, 59.739,
308.487

 20, 59.739,
308.487

 10, 59.739,
308.487

 0, 59.739, 308.487

70, 59.739,
308.487

70, 59.739,
308.487

63, 73.995,
309.307

77, 44.079,
307.994

56, 88.676,
309.926

84, 29.453,
307.380

50, 102.369,
310.420

92, 15.225,
306.816

45, 114.073,
310.668

99, 1.436, 306.243

41, 122.595,
310.526

100, 0.012,
296.813

39, 127.186,
310.042

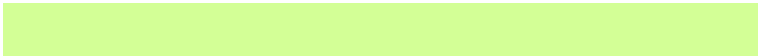
Harmonies

Complementary

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



70, 59.739, 308.487



95, 54.916, 124.221

Rectangle

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



70, 59.739, 308.487



70, 59.739, 358.487



70, 59.739, 128.487



70, 59.739, 178.487

Sweetspot

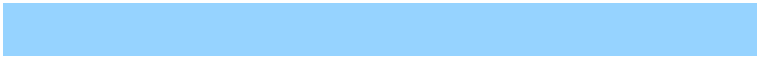
The Sweet Spot groups the original color and five complimentary colors.



70, 58.998, 308.646



91, 16.555, 306.867



82, 28.761, 252.589



48, 11.003, 306.938



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 58.998, 308.646



64, 70.927, 309.173



75, 63.697, 324.172



49, 7.813, 306.733



28, 102.229, 310.230



5, 44.912, 310.748

Inverse Universe

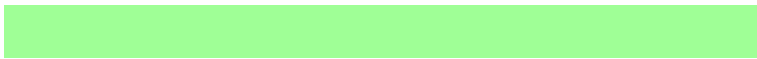
The Inverse Universe completely reimagines the original color for something new.



75, 49.025, 343.377



71, 57.899, 344.333



92, 63.397, 139.396



50, 6.736, 340.340



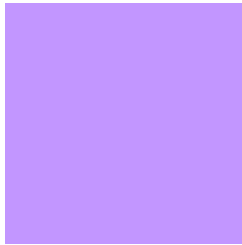
42, 69.743, 354.837



11, 32.825, 350.484

Previews

White Background



This preview shows how the CIELCh color 70, 59.739, 308.487 looks on a white background.

Color Contrast Check

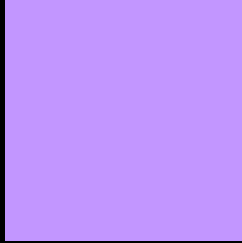
Large Text (above 18pt) WCAG AA × Fail

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 70, 59.739, 308.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

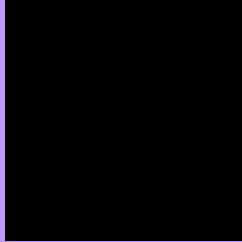
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 59.739, 308.487

Background



This preview shows how black text looks on a background with the CIELCh color 70, 59.739, 308.487.



This preview shows how white text looks on a background with the CIELCh color 70, 59.739, 308.487.

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

70, 59.172, 308.586

Protanopia

70, 47.866, 285.558

Deuteranopia

70, 44.843, 282.368



Tritanopia
70, 8.873, 326.827

Trichromacy



Original Color
70, 59.172, 308.586

Protanomaly
70, 50.947, 294.351

Deuteranomaly
70, 48.750, 293.094

Tritanomaly
70, 26.841, 311.573

Monochromacy



Original Color
70, 59.172, 308.586

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 21.655, 307.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 59.739, 308.487 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(194, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 150, 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(194, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 150, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 59.739, 308.487 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(194, 150, 255) }
```

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

```
.border{ border-color:rgb(194, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 150,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 59.739, 308.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 150, 255) }
```

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

```
.background{ background-color: rgb(194,  
150, 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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