

Converting Colors

CIELCh(71, 59.205, 311.264)

Have a look what the booklet for
CIELCh(71, 59.205, 311.264)
contains.

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Color

CIELCh(71, 59.153, 311.445)

Conversions

Conversions Part 1

Format	Color
Hex	CC97FF
RGB	204, 151, 255
RGB Percent	80%, 59%, 100%
CMY	0.2000, 0.4078, 0.0000
CMYK	0.20, 0.41, 0.00, 0.00
HSL	271°, 100%, 80%
HSV	271°, 41%, 100%
XYZ	54.0147, 42.1875, 99.8989
YIQ	178.7030, -1.7960, 43.5800

Conversions

Conversions Part 2

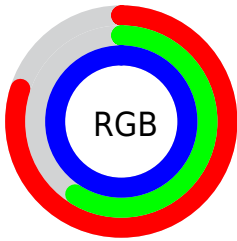
Format	Color
RYB	204, 151, 255
Decimal	13408255
CIELab	71.00, 39.15, -44.34
CIELCh	71, 59.153, 311.445
Yxy	42.1875, 0.2754, 0.2151
Android (android.graphics.Color)	4291598335 (0xFFCC97FF)
YUV	178.7030, 37.6144, 22.1855
Hunter-Lab	64.9519, 34.7767, -45.7243

Details

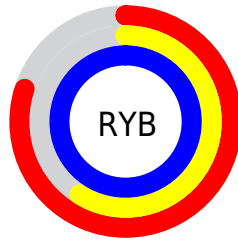
The CIELCh color `71, 59.153, 311.445` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `94, 55.806, 127.479`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 30.725, 325.494`, and `51, 59.247, 311.441` is the 20% darker color. If you saturate the color by 10%, you get `64, 74.002, 311.969`, and if you desaturate by 10%, it is `78, 44.233, 310.905`.

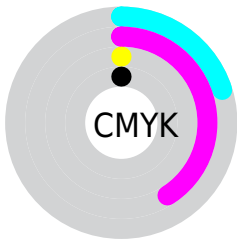
Distribution



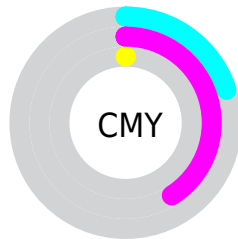
- Red (80%)
- Green (59%)
- Blue (100%)



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



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




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 59.153, 311.445 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, 59.153, 311.445 by changing the saturation by 10% instead.


 71, 59.153,
311.445


 71, 59.153,
311.445


 100, 59.153,
311.445


 61, 59.153,
311.445


 91, 59.153,
311.445

 51, 59.153,
311.445

 41, 59.153,
311.445

 31, 59.153,
311.445

 21, 59.153,
311.445

 11, 59.153,
311.445

 1, 59.153, 311.445

■ 0, 59.153, 311.445

■ 71, 59.153,
311.445

■ 71, 59.153,
311.445

■ 64, 74.002,
311.969

■ 78, 44.233,
310.905

■ 58, 88.351,
312.425

■ 85, 29.502,
310.378

■ 52, 101.517,
312.738

■ 92, 15.099,
309.880

■ 47, 112.566,
312.805

■ 99, 1.091, 309.304

■ 44, 120.481,
312.509

■ 100, 0.009,
298.680

■ 41, 124.785,
311.895

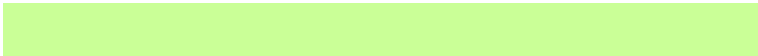
Harmonies

Complementary

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



71, 59.153, 311.445



94, 55.806, 127.479

Rectangle

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



71, 59.153, 311.445



71, 59.153, 1.445



71, 59.153, 131.445



71, 59.153, 181.445

Sweetspot

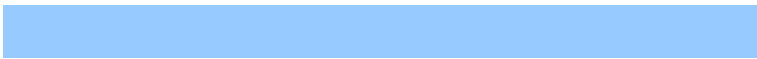
The Sweet Spot groups the original color and five complimentary colors.



71, 59.151, 311.445



91, 16.831, 309.939



80, 31.088, 262.610



48, 11.184, 310.002



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, 59.151, 311.445



65, 71.376, 311.878



76, 64.456, 326.633



49, 7.946, 309.818



30, 100.324, 312.091



6, 44.890, 313.142

Inverse Universe

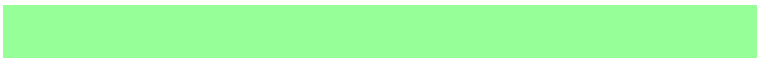
The Inverse Universe completely reimagines the original color for something new.



75, 46.272, 348.364



70, 55.147, 349.544



92, 64.607, 141.283



50, 6.342, 344.935



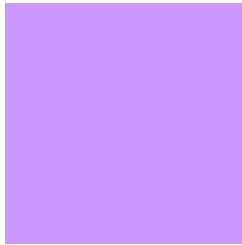
41, 68.155, 3.032



10, 31.781, 357.283

Previews

White Background



This preview shows how the CIELCh color 71, 59.153, 311.445 looks on a white background.

Color Contrast Check

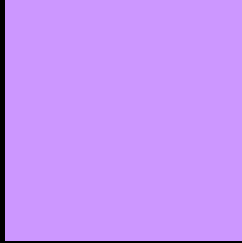
Large Text (above 18pt) WCAG AA × Fail

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, 59.153, 311.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

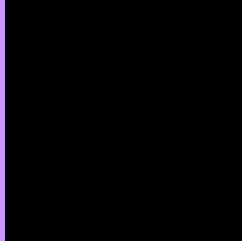
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 59.153, 311.445

Background



This preview shows how black text looks on a background with the CIELCh color 71, 59.153, 311.445.

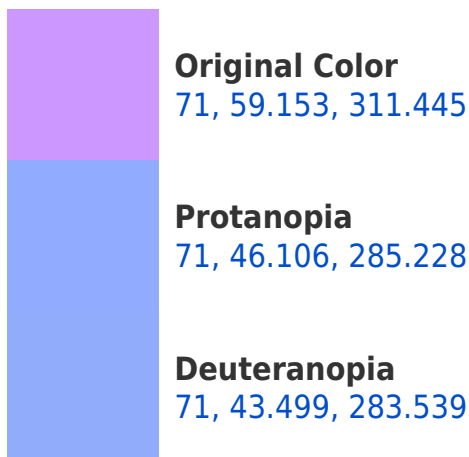


This preview shows how white text looks on a background with the CIELCh color 71, 59.153, 311.445.

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, 11.510, 342.455

Trichromacy



Original Color
71, 59.153, 311.445



Protanomaly
71, 49.771, 295.531



Deuteranomaly
71, 48.156, 295.425

Tritanomaly
71, 28.145, 318.586

Monochromacy



Original Color
71, 59.153, 311.445



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 21.884, 309.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 59.153, 311.445 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(204, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 151, 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(204, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 151, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 59.153, 311.445 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(204, 151, 255) }
```

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

```
.border{ border-color:rgb(204, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 151,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 59.153, 311.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 151, 255) }
```

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

```
.background{ background-color: rgb(204,  
151, 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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