

Converting Colors

CIELCh(79, 39.161, 305.917)

Have a look what the booklet for
CIELCh(79, 39.161, 305.917)
contains.

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Color

CIELCh(79, 39.069, 305.936)

Conversions

Conversions Part 1

Format	Color
Hex	D2B8FF
RGB	210, 184, 255
RGB Percent	82%, 72%, 100%
CMY	0.1782, 0.2801, 0.0018
CMYK	0.18, 0.28, 0.00, 0.00
HSL	262°, 99%, 86%
HSV	262°, 28%, 100%
XYZ	61.4781, 54.9284, 101.5824
YIQ	199.8680, -7.2950, 27.5930

Conversions

Conversions Part 2

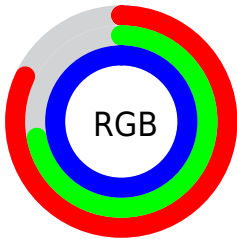
Format	Color
R _Y B	210, 184, 255
Decimal	13809919
CIE Lab	79.00, 22.93, -31.63
CIE LCh	79, 39.069, 305.936
Yxy	54.9284, 0.2820, 0.2520
Android (android.graphics.Color)	4291999999 (0xFFD2B8FF)
YUV	199.8680, 27.1801, 8.8858
Hunter-Lab	74.1137, 18.3687, -29.3851

Details

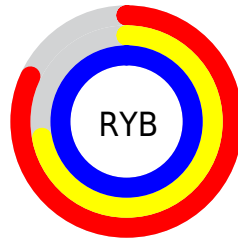
The CIELCh color **79, 39.069, 305.936** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97, 37.126, 122.775**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.351, 324.734**, and **59, 38.959, 306.064** is the 20% darker color. If you saturate the color by 10%, you get **72, 53.871, 306.660**, and if you desaturate by 10%, it is **86, 24.652, 305.271**.

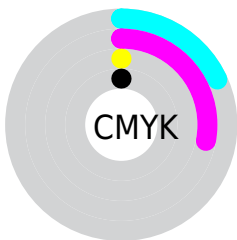
Distribution



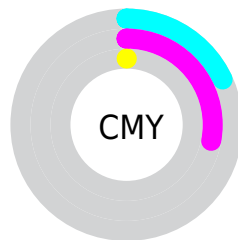
- Red (82%)
- Green (72%)
- Blue (100%)



- Red (82%)
- Yellow (72%)
- Blue (100%)



- Cyan (18%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 39.069, 305.936 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 79, 39.069, 305.936 by changing the saturation by 10% instead.


 79, 39.069,
305.936


 79, 39.069,
305.936


 100, 39.069,
305.936


 69, 39.069,
305.936


 99, 39.069,
305.936

 59, 39.069,
305.936

 49, 39.069,
305.936

 39, 39.069,
305.936

 29, 39.069,
305.936

 19, 39.069,
305.936

 9, 39.069, 305.936

■ 0, 39.069, 305.936

■ 79, 39.069,
305.936

■ 79, 39.069,
305.936

■ 72, 53.871,
306.660

■ 86, 24.652,
305.271

■ 64, 68.919,
307.425

■ 94, 10.688,
304.673

■ 57, 83.910,
308.190

100, 0.221,
109.812

■ 51, 98.292,
308.878

■ 45, 111.147,
309.374

■ 41, 121.217,
309.519

■ 38,127.403,
309.182

■ 37,128.430,
309.091

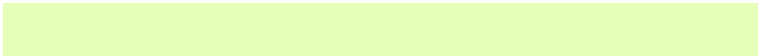
Harmonies

Complementary

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



79, 39.069, 305.936



97, 37.126, 122.775

Rectangle

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



79, 39.069, 305.936



79, 39.069, 355.936



79, 39.069, 125.936



79, 39.069, 175.936

Sweetspot

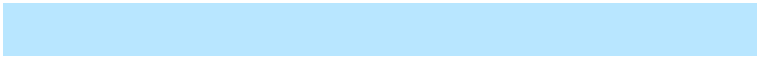
The Sweet Spot groups the original color and five complimentary colors.



79, 39.067, 305.936



94, 10.867, 304.680



89, 19.283, 241.112



49, 7.742, 304.766



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 39.067, 305.936



75, 46.671, 306.300



82, 42.786, 321.579



49, 7.742, 304.766



27, 103.366, 309.265



5, 44.858, 309.321

Inverse Universe

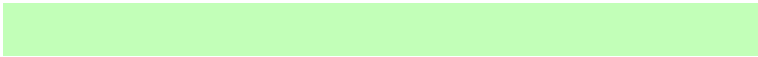
The Inverse Universe completely reimagines the original color for something new.



82, 34.627, 339.285



79, 41.017, 339.752



94, 42.396, 138.721



50, 7.003, 337.752



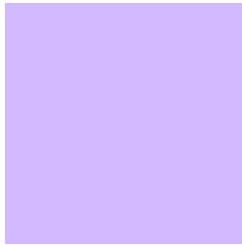
42, 71.515, 350.114



11, 33.724, 346.605

Previews

White Background



This preview shows how the CIELCh color 79, 39.069, 305.936 looks on a white background.

Color Contrast Check

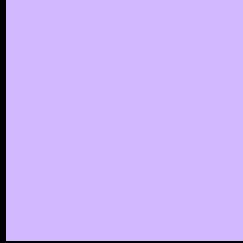
Large Text (above 18pt) WCAG AA × Fail

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 79, 39.069, 305.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

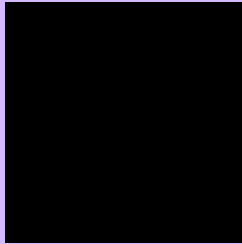
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 39.069, 305.936

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.069, 305.936.

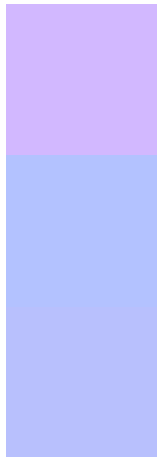


This preview shows how white text looks on a background with the CIELCh color 79, 39.069, 305.936.

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


79, 39.069, 305.936

Protanopia

79, 32.759, 284.817

Deuteranopia

79, 32.636, 288.609



Tritanopia
79, 9.194, 311.531

Trichromacy



Original Color
79, 39.069, 305.936

Protanomaly
79, 34.771, 293.234

Deuteranomaly
79, 34.842, 295.333

Tritanomaly
79, 20.049, 306.924

Monochromacy



Original Color
79, 39.069, 305.936

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 14.383, 305.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.069, 305.936 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(210, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 184, 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(210, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 184, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.069, 305.936 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(210, 184, 255) }
```

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

```
.border{ border-color:rgb(210, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 184,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.069, 305.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 184, 255) }
```

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

```
.background{ background-color: rgb(210,  
184, 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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