

Converting Colors

CIELCh(79, 38.091, 304.939)

Have a look what the booklet for
CIELCh(79, 38.091, 304.939)
contains.

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Color

CIELCh(79, 38.424, 305.125)

Conversions

Conversions Part 1

Format	Color
Hex	D0B8FE
RGB	208, 184, 254
RGB Percent	82%, 72%, 100%
CMY	0.1838, 0.2779, 0.0034
CMYK	0.18, 0.28, 0.00, 0.00
HSL	261°, 98%, 86%
HSV	261°, 28%, 100%
XYZ	61.1285, 54.9284, 101.2613
YIQ	199.1560, -8.1660, 26.8580

Conversions

Conversions Part 2

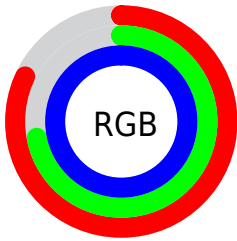
Format	Color
R _Y B	208, 184, 254
Decimal	13678846
CIE Lab	79.00, 22.11, -31.43
CIE LCh	79, 38.424, 305.125
Yxy	54.9284, 0.2813, 0.2528
Android (android.graphics.Color)	4291868926 (0xFFD0B8FE)
YUV	199.1560, 27.0381, 7.7562
Hunter-Lab	74.1137, 17.5268, -29.1281

Details

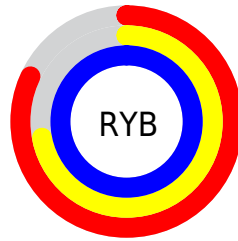
The CIELCh color `79, 38.424, 305.125` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 36.471, 121.888`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 9.351, 324.734`, and `59, 38.298, 305.217` is the 20% darker color. If you saturate the color by 10%, you get `72, 53.190, 305.886`, and if you desaturate by 10%, it is `87, 24.067, 304.432`.

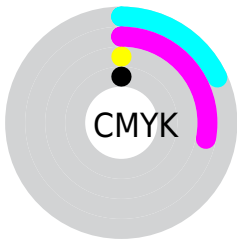
Distribution



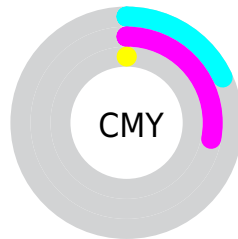
- Red (82%)
- Green (72%)
- Blue (100%)



- 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, 38.424, 305.125 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, 38.424, 305.125 by changing the saturation by 10% instead.


 79, 38.424,
305.125

 79, 38.424,
305.125


 100, 38.424,
305.125


 69, 38.424,
305.125


 99, 38.424,
305.125

 59, 38.424,
305.125

 49, 38.424,
305.125

 39, 38.424,
305.125

 29, 38.424,
305.125

 19, 38.424,
305.125

 9, 38.424, 305.125

■ 0, 38.424, 305.125

■ 79, 38.424,
305.125

■ 79, 38.424,
305.125

■ 72, 53.190,
305.886

■ 87, 24.067,
304.432

■ 64, 68.240,
306.699

■ 94, 10.178,
303.811

■ 57, 83.292,
307.522

100, 0.426,
109.964

■ 51, 97.810,
308.283

■ 45, 110.886,
308.860

■ 40, 121.229,
309.092

■ 37,127.637,
308.829

■ 36,128.841,
308.737

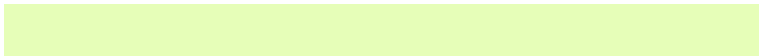
Harmonies

Complementary

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



79, 38.424, 305.125



97, 36.471, 121.888

Rectangle

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



79, 38.424, 305.125



79, 38.424, 355.125



79, 38.424, 125.125



79, 38.424, 175.125

Sweetspot

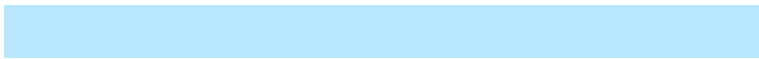
The Sweet Spot groups the original color and five complimentary colors.



79, 38.422, 305.125



94, 10.828, 303.838



89, 18.942, 238.803



49, 7.714, 303.928



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, 38.422, 305.125



75, 46.560, 305.533



82, 42.043, 321.059



49, 7.714, 303.928



26, 103.824, 308.903



5, 44.826, 308.740

Inverse Universe

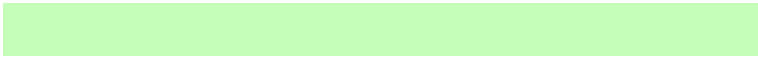
The Inverse Universe completely reimagines the original color for something new.



82, 34.707, 338.177



80, 41.654, 338.655



94, 41.614, 138.290



50, 7.119, 336.721



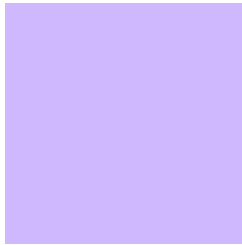
42, 72.422, 348.231



11, 34.153, 345.060

Previews

White Background



This preview shows how the CIELCh color 79, 38.424, 305.125 looks on a white background.

Color Contrast Check

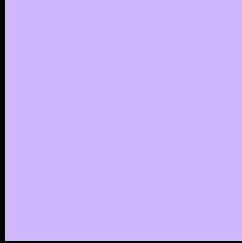
Large Text (above 18pt) WCAG AA × Fail

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, 38.424, 305.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

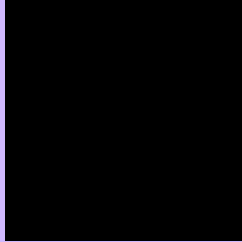
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 38.424, 305.125

Background



This preview shows how black text looks on a background with the CIELCh color 79, 38.424, 305.125.

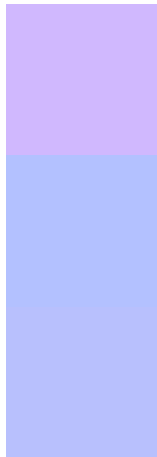


This preview shows how white text looks on a background with the CIELCh color 79, 38.424, 305.125.

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, 38.424, 305.125

Protanopia

79, 33.280, 285.550

Deuteranopia

79, 32.636, 288.609



Tritanopia
79, 8.442, 308.212

Trichromacy



Original Color
79, 38.424, 305.125

Protanomaly
79, 34.771, 293.234

Deuteranomaly
79, 34.311, 295.327

Tritanomaly
79, 19.341, 305.308

Monochromacy



Original Color
79, 38.424, 305.125

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 13.687, 303.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 38.424, 305.125 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(208, 184, 254)` looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 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(208, 184, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 38.424, 305.125 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(208, 184, 254) }
```

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

```
.border{ border-color:rgb(208, 184, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 184, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 184, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 184, 254);  
box-shadow:4px 4px 4px 4px rgb(208, 184,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 38.424, 305.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 254) }
```

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

```
.background{ background-color: rgb(208,  
184, 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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