

Converting Colors

CIELCh(79, 39.573, 307.749)

Have a look what the booklet for
CIELCh(79, 39.573, 307.749)
contains.

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Color

CIELCh(79, 39.390, 307.843)

Conversions

Conversions Part 1

Format	Color
Hex	D5B7FE
RGB	213, 183, 254
RGB Percent	84%, 72%, 100%
CMY	0.1662, 0.2838, 0.0055
CMYK	0.16, 0.28, 0.00, 0.01
HSL	265°, 96%, 86%
HSV	265°, 28%, 99%
XYZ	62.0072, 54.9284, 100.7628
YIQ	200.0640, -4.9110, 28.4410

Conversions

Conversions Part 2

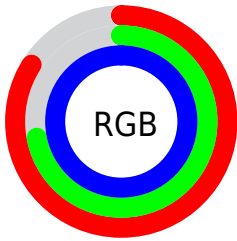
Format	Color
R _Y B	213, 183, 254
Decimal	14006270
CIE Lab	79.00, 24.17, -31.11
CIE LCh	79, 39.390, 307.843
Yxy	54.9284, 0.2848, 0.2523
Android (android.graphics.Color)	4292196350 (0xFFD5B7FE)
YUV	200.0640, 26.5904, 11.3449
Hunter-Lab	74.1137, 19.6430, -28.7294

Details

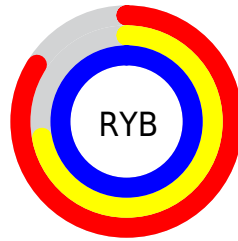
The CIELCh color **79, 39.390, 307.843** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 37.604, 124.920**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.976, 324.758**, and **59, 39.266, 308.042** is the 20% darker color. If you saturate the color by 10%, you get **72, 54.167, 308.483**, and if you desaturate by 10%, it is **86, 24.939, 307.245**.

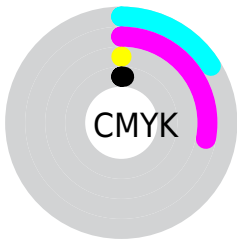
Distribution



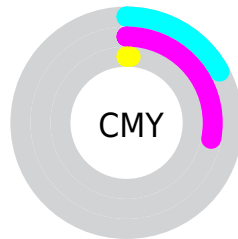
- Red (84%)
- Green (72%)
- Blue (100%)



- Red (84%)
- Yellow (72%)
- Blue (100%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (17%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 39.390, 307.843 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, 39.390, 307.843 by changing the saturation by 10% instead.


 79, 39.390,
307.843

 79, 39.390,
307.843

 100, 39.390,
307.843


 69, 39.390,
307.843

 99, 39.390,
307.843

 59, 39.390,
307.843

 49, 39.390,
307.843

 39, 39.390,
307.843

 29, 39.390,
307.843

 19, 39.390,
307.843

 9, 39.390, 307.843

■ 0, 39.390, 307.843

■ 79, 39.390,
307.843

■ 79, 39.390,
307.843

■ 72, 54.167,
308.483

■ 86, 24.939,
307.245

■ 65, 69.104,
309.143

■ 94, 10.903,
306.697

■ 58, 83.869,
309.780

100, 0.699,
110.015

■ 52, 97.889,
310.320

■ 46, 110.266,
310.656

■ 42, 119.840,
310.646

■ 39,125.685,
310.180

■ 38,126.618,
310.069

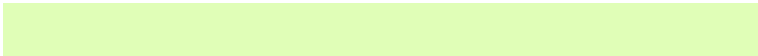
Harmonies

Complementary

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



79, 39.390, 307.843



96, 37.604, 124.920

Rectangle

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



79, 39.390, 307.843



79, 39.390, 357.843



79, 39.390, 127.843



79, 39.390, 177.843

Sweetspot

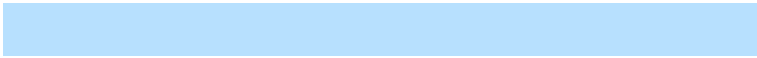
The Sweet Spot groups the original color and five complimentary colors.



79, 39.388, 307.843



94, 10.971, 306.698



87, 19.989, 249.872



49, 7.815, 306.777



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, 39.388, 307.843



75, 48.461, 308.224



82, 43.545, 323.567



49, 7.815, 306.777



28, 102.202, 310.254



5, 44.913, 310.781

Inverse Universe

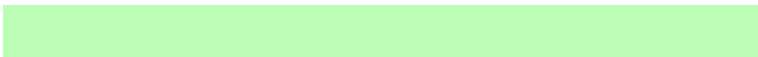
The Inverse Universe completely reimagines the original color for something new.



82, 33.386, 342.066



79, 40.734, 342.674



94, 43.340, 140.459



50, 6.730, 340.401



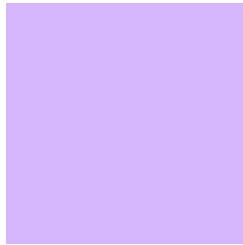
42, 69.709, 354.949



11, 32.807, 350.576

Previews

White Background



This preview shows how the CIELCh color 79, 39.390, 307.843 looks on a white background.

Color Contrast Check

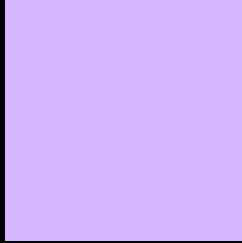
Large Text (above 18pt) WCAG AA × Fail

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, 39.390, 307.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

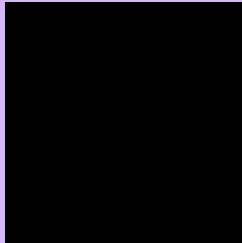
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 39.390, 307.843

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.390, 307.843.

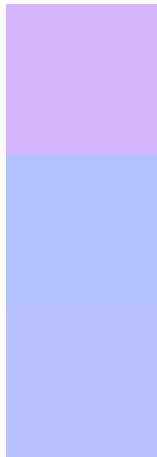


This preview shows how white text looks on a background with the CIELCh color 79, 39.390, 307.843.

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, 39.390, 307.843

Protanopia

79, 32.759, 284.817

Deuteranopia

79, 32.090, 289.037



Tritanopia
79, 9.343, 321.079

Trichromacy



Original Color
79, 39.390, 307.843

Protanomaly
79, 34.245, 293.719

Deuteranomaly
79, 34.346, 296.395

Tritanomaly
79, 19.956, 311.238

Monochromacy



Original Color
79, 39.390, 307.843

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 13.951, 307.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.390, 307.843 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(213, 183, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 183, 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(213, 183, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 183, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.390, 307.843 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(213, 183, 254) }
```

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

```
.border{ border-color:rgb(213, 183, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 183, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 183, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 183, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 183,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.390, 307.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 183, 254) }
```

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

```
.background{ background-color: rgb(213,  
183, 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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