

Converting Colors

CIELCh(78, 39.579, 304.183)

Have a look what the booklet for
CIELCh(78, 39.579, 304.183)
contains.

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Color

CIELCh(78, 40.029, 304.274)

Conversions

Conversions Part 1

Format	Color
Hex	CCB5FE
RGB	204, 181, 254
RGB Percent	80%, 71%, 100%
CMY	0.1989, 0.2891, 0.0028
CMYK	0.20, 0.29, 0.00, 0.00
HSL	259°, 98%, 85%
HSV	259°, 29%, 100%
XYZ	59.4965, 53.2120, 101.1478
YIQ	196.1990, -9.7250, 27.5790

Conversions

Conversions Part 2

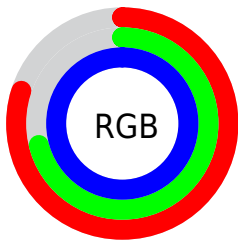
Format	Color
R_{YB}	204, 181, 254
Decimal	13415934
CIE _{Lab}	78.00, 22.54, -33.08
CIE _{LCh}	78, 40.029, 304.274
Yxy	53.2120, 0.2782, 0.2488
Android (android.graphics.Color)	4291606014 (0xFFCCB5FE)
YUV	196.1990, 28.4959, 6.8415
Hunter-Lab	72.9466, 17.9312, -31.1490

Details

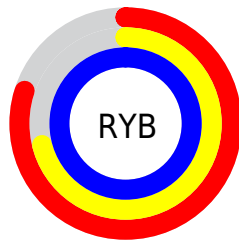
The CIELCh color `78, 40.029, 304.274` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 37.817, 120.724`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 11.228, 324.804`, and `58, 40.030, 304.387` is the 20% darker color. If you saturate the color by 10%, you get `70, 54.843, 305.094`, and if you desaturate by 10%, it is `86, 25.641, 303.532`.

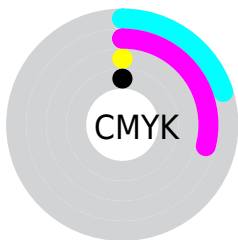
Distribution



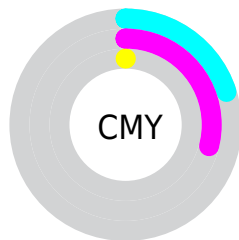
- Red (80%)
- Green (71%)
- Blue (100%)



- Red (80%)
- Yellow (71%)
- Blue (100%)



- Cyan (20%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 40.029, 304.274 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 78, 40.029, 304.274 by changing the saturation by 10% instead.


 78, 40.029,
304.274

 78, 40.029,
304.274

 100, 40.029,
304.274


 68, 40.029,
304.274


 98, 40.029,
304.274

 58, 40.029,
304.274

 48, 40.029,
304.274

 38, 40.029,
304.274

 28, 40.029,
304.274

 18, 40.029,
304.274

 8, 40.029, 304.274

■ 0, 40.029, 304.274

■ 78, 40.029,
304.274

■ 78, 40.029,
304.274

■ 70, 54.843,
305.094

■ 86, 25.641,
303.532

■ 63, 69.956,
305.973

■ 93, 11.733,
302.871

■ 56, 85.075,
306.870

100, 0.346,
109.929

■ 49, 99.636,
307.704

■ 44, 112.666,
308.343

■ 39, 122.792,
308.612

■ 36,128.907,
308.384

■ 36,129.548,
308.348

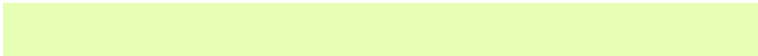
Harmonies

Complementary

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



78, 40.029, 304.274



97, 37.817, 120.724

Rectangle

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



78, 40.029, 304.274



78, 40.029, 354.274



78, 40.029, 124.274



78, 40.029, 174.274

Sweetspot

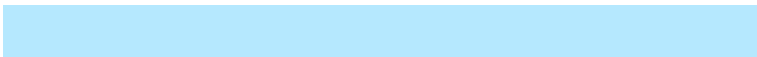
The Sweet Spot groups the original color and five complimentary colors.



78, 40.027, 304.274



93, 12.153, 302.889



89, 19.569, 234.402



49, 8.466, 302.980



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 40.027, 304.274



74, 47.920, 304.699



81, 43.510, 320.095



49, 7.684, 302.920



26, 104.348, 308.506



5, 44.780, 308.066

Inverse Universe

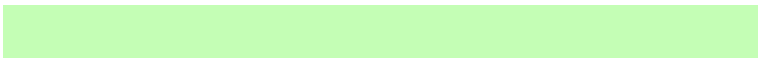
The Inverse Universe completely reimagines the original color for something new.



82, 36.883, 337.033



79, 43.702, 337.479



94, 42.939, 137.290



50, 7.261, 335.535



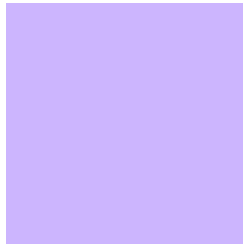
42, 73.616, 346.073



11, 34.701, 343.287

Previews

White Background



This preview shows how the CIELCh color 78, 40.029, 304.274 looks on a white background.

Color Contrast Check

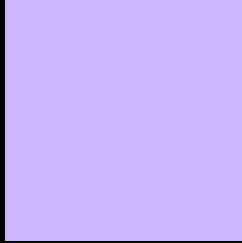
Large Text (above 18pt) WCAG AA × Fail

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 78, 40.029, 304.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

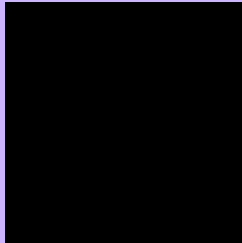
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 40.029, 304.274

Background



This preview shows how black text looks on a background with the CIELCh color 78, 40.029, 304.274.



This preview shows how white text looks on a background with the CIELCh color 78, 40.029, 304.274.

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


78, 40.029, 304.274

Protanopia

78, 34.459, 284.951

Deuteranopia

78, 33.818, 287.331



Tritanopia
78, 8.266, 303.443

Trichromacy



Original Color
78, 40.029, 304.274

Protanomaly
78, 36.465, 292.918

Deuteranomaly
78, 35.409, 293.830

Tritanomaly
78, 20.362, 303.699

Monochromacy



Original Color
78, 40.029, 304.274

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 14.250, 302.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 40.029, 304.274 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, 181, 254)` looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 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(204, 181, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 40.029, 304.274 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, 181, 254) }
```

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

```
.border{ border-color:rgb(204, 181, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 254);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 40.029, 304.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 254) }
```

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

```
.background{ background-color: rgb(204,  
181, 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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