

Converting Colors

CIELCh(78, 39.833, 313.052)

Have a look what the booklet for
CIELCh(78, 39.833, 313.052)
contains.

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Color

CIELCh(78, 40.095, 313.276)

Conversions

Conversions Part 1

Format	Color
Hex	DAB1F7
RGB	218, 177, 247
RGB Percent	85%, 69%, 97%
CMY	0.1441, 0.3049, 0.0304
CMYK	0.12, 0.28, 0.00, 0.03
HSL	275°, 82%, 83%
HSV	275°, 28%, 97%
XYZ	61.5833, 53.2120, 95.2239
YIQ	197.2390, 1.9660, 30.4620

Conversions

Conversions Part 2

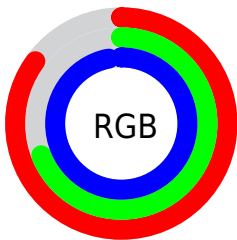
Format	Color
R _Y B	218, 177, 247
Decimal	14332407
CIE Lab	78.00, 27.49, -29.19
CIE LCh	78, 40.095, 313.276
Yxy	53.2120, 0.2932, 0.2534
Android (android.graphics.Color)	4292522487 (0xFFDAB1F7)
YUV	197.2390, 24.5322, 18.2074
Hunter-Lab	72.9466, 23.0376, -26.3342

Details

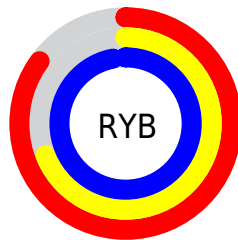
The CIELCh color **78, 40.095, 313.276** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **93, 38.840, 130.711**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 13.736, 324.896**, and **58, 39.843, 313.234** is the 20% darker color. If you saturate the color by 10%, you get **71, 54.663, 313.753**, and if you desaturate by 10%, it is **85, 25.659, 312.802**.

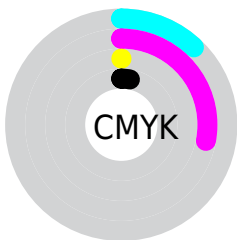
Distribution



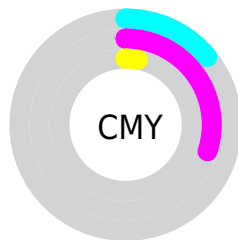
- Red (85%)
- Green (69%)
- Blue (97%)



- Red (85%)
- Yellow (69%)
- Blue (97%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)




- Cyan (14%)
- Magenta (30%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 40.095, 313.276 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, 40.095, 313.276 by changing the saturation by 10% instead.


 78, 40.095,
313.276


 78, 40.095,
313.276


 100, 40.095,
313.276


 68, 40.095,
313.276


 98, 40.095,
313.276

 58, 40.095,
313.276

 48, 40.095,
313.276

 38, 40.095,
313.276

 28, 40.095,
313.276

 18, 40.095,
313.276

 8, 40.095, 313.276

■ 0, 40.095, 313.276

■ 78, 40.095,
313.276

■ 78, 40.095,
313.276

■ 71, 54.663,
313.753

■ 85, 25.659,
312.802

■ 65, 69.116,
314.205

■ 92, 11.507,
312.343

■ 59, 83.040,
314.588

■ 98, 2.285, 132.014

■ 54, 95.820,
314.838

■ 100, 3.918,
109.866

■ 49, 106.636,
314.872

■ 45, 114.601,
314.594

■ 43, 119.244,
313.943

■ 42, 119.872,
313.822

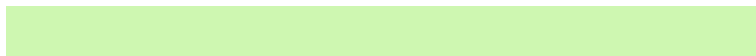
Harmonies

Complementary

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



78, 40.095, 313.276



93, 38.840, 130.711

Rectangle

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



78, 40.095, 313.276



78, 40.095, 3.276



78, 40.095, 133.276



78, 40.095, 183.276

Sweetspot

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



78, 40.093, 313.276



94, 11.347, 312.329



82, 23.250, 268.370



49, 8.079, 312.398



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, 40.093, 313.276



76, 49.598, 313.551



81, 41.707, 328.409



48, 7.812, 312.396



31, 96.715, 314.016



6, 41.635, 315.042

Inverse Universe

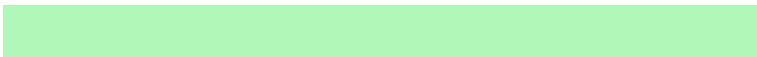
The Inverse Universe completely reimagines the original color for something new.



80, 30.018, 351.427



78, 37.084, 352.169



91, 41.673, 144.747



48, 5.841, 349.354



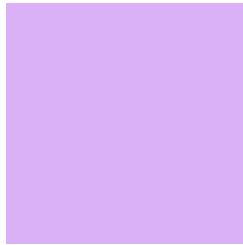
40, 66.806, 10.314



9, 29.707, 2.817

Previews

White Background



This preview shows how the CIELCh color 78, 40.095, 313.276 looks on a white background.

Color Contrast Check

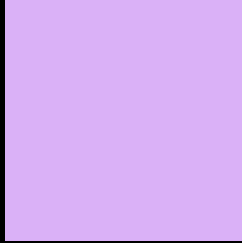
Large Text (above 18pt) WCAG AA × Fail

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, 40.095, 313.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

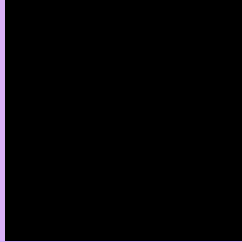
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 40.095, 313.276

Background



This preview shows how black text looks on a background with the CIELCh color 78, 40.095, 313.276.



This preview shows how white text looks on a background with the CIELCh color 78, 40.095, 313.276.

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, 40.095, 313.276

Protanopia

78, 34.459, 284.951

Deuteranopia

78, 30.019, 290.398



Tritanopia
78, 12.244, 339.504

Trichromacy



Original Color
78, 40.095, 313.276

Protanomaly
78, 35.489, 295.892

Deuteranomaly
78, 33.062, 299.882

Tritanomaly
78, 21.843, 322.069

Monochromacy



Original Color
78, 40.095, 313.276

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 14.470, 312.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 40.095, 313.276 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(218, 177, 247)` looks like.

```
.text, #text, p{  
    color:rgb(218, 177, 247)  
}
```

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(218, 177, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 177, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 40.095, 313.276 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(218, 177, 247) }
```

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

```
.border{ border-color:rgb(218, 177, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 177, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 177, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 177, 247);  
box-shadow:4px 4px 4px 4px rgb(218, 177,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 40.095, 313.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 177, 247) }
```

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

```
.background{ background-color: rgb(218,  
177, 247) }
```

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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