

Converting Colors

CIELCh(78, 40.530, 302.315)

Have a look what the booklet for
CIELCh(78, 40.530, 302.315)
contains.

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Color

CIELCh(78, 39.786, 302.413)

Conversions

Conversions Part 1

Format	Color
Hex	C9B6FF
RGB	201, 182, 255
RGB Percent	79%, 71%, 100%
CMY	0.2110, 0.2855, 0.0000
CMYK	0.21, 0.29, 0.00, 0.00
HSL	256°, 100%, 86%
HSV	256°, 29%, 100%
XYZ	58.9903, 53.2120, 101.9420
YIQ	196.0030, -12.1090, 26.7310

Conversions

Conversions Part 2

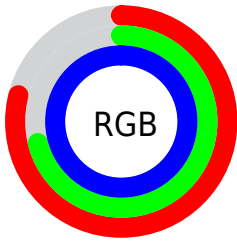
Format	Color
R _Y B	201, 182, 255
Decimal	13219583
CIE Lab	78.00, 21.33, -33.59
CIE LCh	78, 39.786, 302.413
Yxy	53.2120, 0.2755, 0.2485
Android (android.graphics.Color)	4291409663 (0xFFC9B6FF)
YUV	196.0030, 29.0855, 4.3824
Hunter-Lab	72.9466, 16.6927, -31.7946

Details

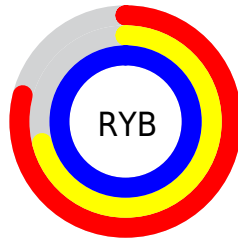
The CIELCh color `78, 39.786, 302.413` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 37.351, 118.547`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 10.602, 324.781`, and `58, 39.803, 302.480` is the 20% darker color. If you saturate the color by 10%, you get `70, 54.520, 303.362`, and if you desaturate by 10%, it is `86, 25.312, 301.603`.

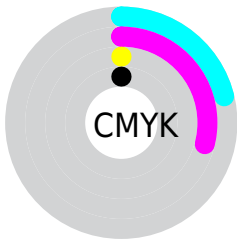
Distribution



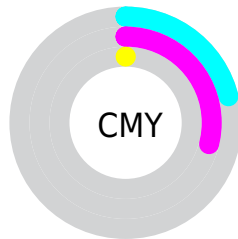
- Red (79%)
- Green (71%)
- Blue (100%)



- Red (79%)
- Yellow (71%)
- Blue (100%)



- Cyan (21%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (21%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 39.786, 302.413 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, 39.786, 302.413 by changing the saturation by 10% instead.


 78, 39.786,
302.413

 78, 39.786,
302.413


 100, 39.786,
302.413


 68, 39.786,
302.413


 98, 39.786,
302.413

 58, 39.786,
302.413

 48, 39.786,
302.413

 38, 39.786,
302.413

 28, 39.786,
302.413

 18, 39.786,
302.413

 8, 39.786, 302.413

■ 0, 39.786, 302.413

■ 78, 39.786,
302.413

■ 78, 39.786,
302.413

■ 70, 54.520,
303.362

■ 86, 25.312,
301.603

■ 63, 69.733,
304.377

■ 93, 11.458,
300.873

■ 56, 85.056,
305.437

100, 0.012,
296.813

■ 49, 99.941,
306.460

■ 43, 113.392,
307.305

■ 38, 123.925,
307.774

■ 35,130.244,
307.715

■ 35,130.972,
307.697

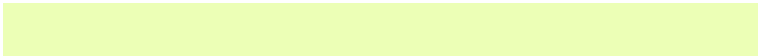
Harmonies

Complementary

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



78, 39.786, 302.413



97, 37.351, 118.547

Rectangle

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



78, 39.786, 302.413



78, 39.786, 352.413



78, 39.786, 122.413



78, 39.786, 172.413

Sweetspot

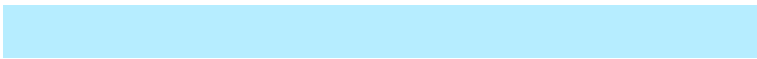
The Sweet Spot groups the original color and five complimentary colors.



78, 39.677, 302.432



93, 12.069, 300.904



91, 19.553, 227.507



49, 8.408, 301.005



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, 39.677, 302.432



74, 47.710, 302.927



81, 42.868, 318.540



49, 7.631, 300.938



25, 105.287, 307.836



4, 44.680, 306.821

Inverse Universe

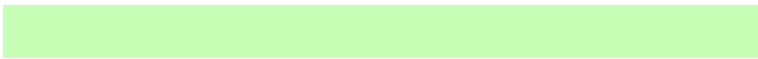
The Inverse Universe completely reimagines the original color for something new.



82, 38.148, 334.738



79, 45.334, 335.156



95, 42.136, 135.863



50, 7.547, 333.357



43, 76.262, 342.153



11, 35.869, 340.053

Previews

White Background



This preview shows how the CIELCh color 78, 39.786, 302.413 looks on a white background.

Color Contrast Check

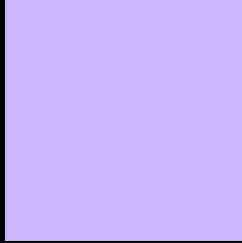
Large Text (above 18pt) WCAG AA × Fail

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, 39.786, 302.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

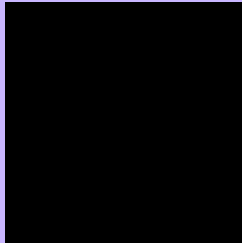
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 39.786, 302.413

Background



This preview shows how black text looks on a background with the CIELCh color 78, 39.786, 302.413.

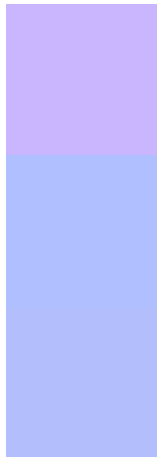


This preview shows how white text looks on a background with the CIELCh color 78, 39.786, 302.413.

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, 39.786, 302.413

Protanopia
78, 34.459, 284.951

Deuteranopia
78, 33.818, 287.331



Tritanopia
78, 8.595, 293.342

Trichromacy



Original Color
78, 39.786, 302.413

Protanomaly
78, 35.900, 291.855

Deuteranomaly
78, 35.936, 293.364

Tritanomaly
78, 19.521, 299.000

Monochromacy



Original Color
78, 39.786, 302.413

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 14.181, 301.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 39.786, 302.413 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(201, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 182, 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(201, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 182, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 39.786, 302.413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

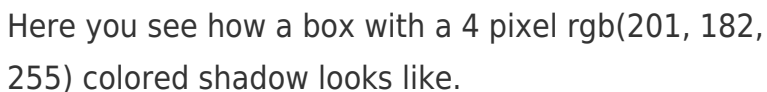
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 182, 255) }
```

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

```
.border{ border-color:rgb(201, 182, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 182,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 39.786, 302.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 182, 255) }
```

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

```
.background{ background-color: rgb(201,  
182, 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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