

Converting Colors

CIELCh(77, 43.399, 322.093)

Have a look what the booklet for
CIELCh(77, 43.399, 322.093)
contains.

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Color

CIELCh(77, 43.385, 321.928)

Conversions

Conversions Part 1

Format	Color
Hex	E6A9F0
RGB	230, 169, 240
RGB Percent	90%, 66%, 94%
CMY	0.0977, 0.3370, 0.0585
CMYK	0.04, 0.30, 0.00, 0.06
HSL	292°, 70%, 80%
HSV	292°, 30%, 94%
XYZ	62.5958, 51.5317, 89.1413
YIQ	195.3330, 13.5650, 35.0130

Conversions

Conversions Part 2

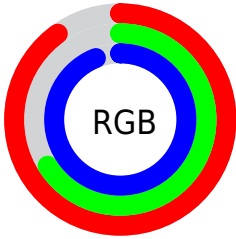
Format	Color
R _{YB}	230, 169, 240
Decimal	15116784
CIE _{Lab}	77.00, 34.15, -26.75
CIE _{LCh}	77, 43.385, 321.928
Yxy	51.5317, 0.3079, 0.2535
Android (android.graphics.Color)	4293306864 (0xFFE6A9F0)
YUV	195.3330, 22.0208, 30.4030
Hunter-Lab	71.7856, 30.0240, -23.3747

Details

The CIELCh color $77, 43.385, 321.928$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 42.999, 138.857$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 18.763, 325.076$, and $57, 43.552, 322.040$ is the 20% darker color. If you saturate the color by 10%, you get $71, 57.863, 322.366$, and if you desaturate by 10%, it is $83, 28.641, 321.461$.

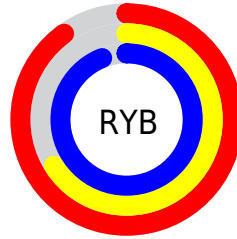
Distribution



Red (90%)

Green (66%)

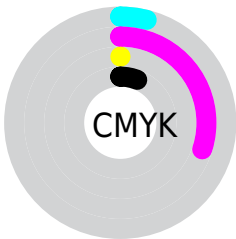
Blue (94%)



Red (90%)

Yellow (66%)

Blue (94%)

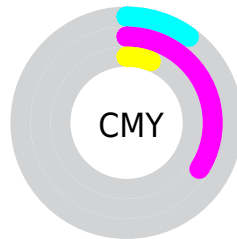


Cyan (4%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (34%)

Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 43.385, 321.928 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 77, 43.385, 321.928 by changing the saturation by 10% instead.

 77, 43.385,
321.928

 77, 43.385,
321.928

 100, 43.385,
321.928

 67, 43.385,
321.928


 97, 43.385,
321.928

 57, 43.385,
321.928

 47, 43.385,
321.928

 37, 43.385,
321.928

 27, 43.385,
321.928

 17, 43.385,
321.928

 7, 43.385, 321.928

0, 43.385, 321.928

77, 43.385,
321.928

77, 43.385,
321.928

71, 57.863,
322.366

83, 28.641,
321.461

66, 71.681,
322.751

89, 13.919,
320.980

62, 84.305,
323.052

95, 0.602, 140.959

58, 95.101,
323.234

99, 8.622, 137.489

99, 8.113, 130.132

55, 103.437,
323.261

99, 7.756, 121.890

53, 108.868,
323.102

100, 7.575,
113.003

■ 51, 111.573,
322.763

■ 100, 7.556,
109.602

■ 51, 111.667,
322.747

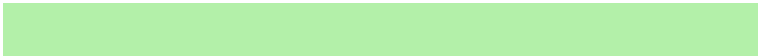
Harmonies

Complementary

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



77, 43.385, 321.928



89, 42.999, 138.857

Rectangle

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



77, 43.385, 321.928



77, 43.385, 11.928



77, 43.385, 141.928



77, 43.385, 191.928

Sweetspot

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



77, 43.383, 321.928



94, 13.734, 320.953



74, 32.732, 287.304



49, 9.554, 321.024



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 43.383, 321.928



78, 53.863, 322.176



77, 35.408, 338.673



47, 8.249, 320.975



39, 91.301, 322.835



8, 39.769, 323.559

Inverse Universe

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



76, 27.986, 11.065



77, 35.259, 11.914



89, 34.872, 153.888



47, 5.069, 8.643



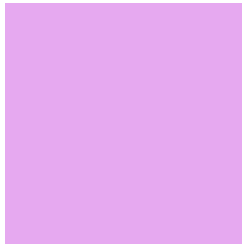
38, 75.494, 33.503



8, 29.191, 18.067

Previews

White Background



This preview shows how the CIELCh color 77, 43.385, 321.928 looks on a white background.

Color Contrast Check

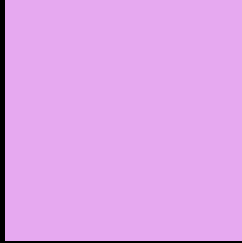
Large Text (above 18pt) WCAG AA × Fail

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 77, 43.385, 321.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

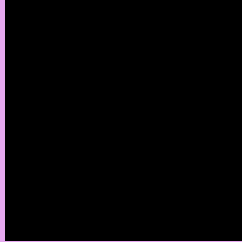
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 43.385, 321.928

Background



This preview shows how black text looks on a background with the CIELCh color 77, 43.385, 321.928.



This preview shows how white text looks on a background with the CIELCh color 77, 43.385, 321.928.

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





Tritanopia
77, 18.504, 357.239

Trichromacy



Original Color
77, 43.385, 321.928



Protanomaly
77, 36.903, 299.442



Deuteranomaly
77, 32.135, 305.551



Tritanomaly
77, 25.998, 337.321

Monochromacy



Original Color
77, 43.385, 321.928



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 15.631, 321.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 43.385, 321.928 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(230, 169, 240)` looks like.

```
.text, #text, p{  
    color:rgb(230, 169, 240)  
}
```

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(230, 169, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 169, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 43.385, 321.928 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(230, 169, 240) }
```

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

```
.border{ border-color:rgb(230, 169, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 169, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 169, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 169, 240);  
box-shadow:4px 4px 4px 4px rgb(230, 169,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 43.385, 321.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 169, 240) }
```

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

```
.background{ background-color: rgb(230,  
169, 240) }
```

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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