

Converting Colors

CIELCh(77, 42.550, 322.858)

Have a look what the booklet for
CIELCh(77, 42.550, 322.858)
contains.

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Color

CIELCh(77, 42.645, 323.076)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7A9EE |
| RGB | 231, 169, 238 |
| RGB Percent | 91%, 66%, 93% |
| CMY | 0.0942, 0.3373, 0.0667 |
| CMYK | 0.03, 0.29, 0.00, 0.07 |
| HSL | 294°, 67%, 80% |
| HSV | 294°, 29%, 93% |
| XYZ | 62.5688, 51.5317, 87.5300 |
| YIQ | 195.4040, 14.8030, 34.6030 |

Conversions

Conversions Part 2

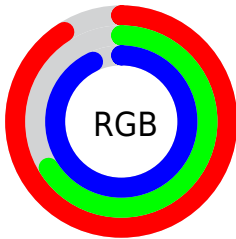
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 231, 169, 238 |
| Decimal | 15182318 |
| CIE _{Lab} | 77.00, 34.09, -25.62 |
| CIE _{LCh} | 77, 42.645, 323.076 |
| Yxy | 51.5317, 0.3103, 0.2556 |
| Android (android.graphics.Color) | 4293372398 (0xFFE7A9EE) |
| YUV | 195.4040, 20.9998, 31.2177 |
| Hunter-Lab | 71.7856, 29.9570, -22.0439 |

Details

The CIELCh color $77, 42.645, 323.076$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 42.388, 139.929$, 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 $57, 42.759, 323.246$ is the 20% darker color. If you saturate the color by 10%, you get $72, 57.105, 323.532$, and if you desaturate by 10%, it is $83, 27.886, 322.592$.

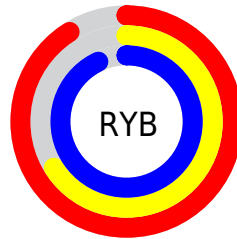
Distribution



Red (91%)

Green (66%)

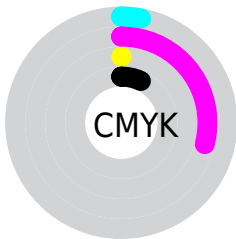
Blue (93%)



Red (91%)

Yellow (66%)

Blue (93%)

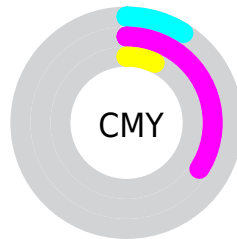


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (9%)


Magenta (34%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 42.645, 323.076 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, 42.645, 323.076 by changing the saturation by 10% instead.

 77, 42.645,
323.076


 77, 42.645,
323.076


 100, 42.645,
323.076


 67, 42.645,
323.076


 97, 42.645,
323.076

 57, 42.645,
323.076

 47, 42.645,
323.076

 37, 42.645,
323.076

 27, 42.645,
323.076

 17, 42.645,
323.076

 7, 42.645, 323.076

0, 42.645, 323.076

77, 42.645,
323.076

77, 42.645,
323.076

72, 57.105,
323.532

83, 27.886,
322.592

67, 70.862,
323.937

89, 13.125,
322.091

62, 83.384,
324.266

95, 1.448, 141.810

58, 94.050,
324.486

99, 10.071,
139.810

56, 102.262,
324.571

99, 9.656, 135.528

54, 107.615,
324.496

99, 9.299, 130.865

99, 9.009, 125.842

■ 52, 110.249,
324.266

■ 99, 8.793, 120.503

■ 52, 110.455,
324.240

■ 99, 8.659, 114.924

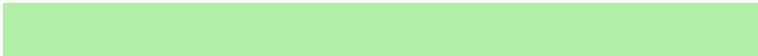
Harmonies

Complementary

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



77, 42.645, 323.076



89, 42.388, 139.929

Rectangle

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



77, 42.645, 323.076



77, 42.645, 13.076



77, 42.645, 143.076



77, 42.645, 193.076

Sweetspot

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



77, 42.642, 323.076



94, 13.895, 322.093



74, 33.086, 288.841



49, 9.665, 322.168



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, 42.642, 323.076



78, 54.346, 323.361



77, 33.707, 340.201



47, 8.346, 322.116



40, 90.917, 324.303



9, 39.637, 324.837

Inverse Universe

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



76, 27.130, 14.012



77, 35.243, 14.927



89, 33.083, 155.373



47, 5.028, 11.760



38, 77.398, 35.749



8, 29.344, 19.695

Previews

White Background



This preview shows how the CIELCh color 77, 42.645, 323.076 looks on a white background.

Color Contrast Check

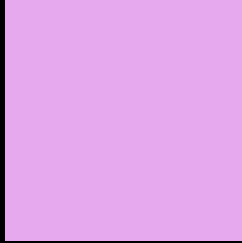
Large Text (above 18pt) WCAG AA × Fail

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, 42.645, 323.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

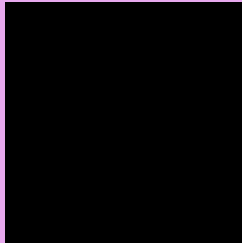
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 42.645, 323.076

Background



This preview shows how black text looks on a background with the CIELCh color 77, 42.645, 323.076.



This preview shows how white text looks on a background with the CIELCh color 77, 42.645, 323.076.

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
77, 42.645, 323.076

Protanopia
77, 34.522, 285.512

Deuteranopia
77, 26.354, 292.565



Tritanopia
77, 18.854, 357.752

Trichromacy



Original Color
77, 42.645, 323.076



Protanomaly
77, 35.879, 300.079



Deuteranomaly
77, 31.172, 306.564



Tritanomaly
77, 26.256, 337.923

Monochromacy



Original Color
77, 42.645, 323.076



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, 42.645, 323.076 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(231, 169, 238)` looks like.

```
.text, #text, p{  
    color:rgb(231, 169, 238)  
}
```

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(231, 169, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 169, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 42.645, 323.076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

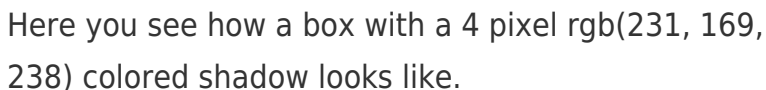
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 169, 238) }
```

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

```
.border{ border-color:rgb(231, 169, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(231, 169, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 169, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 169, 238); box-shadow:4px 4px 4px 4px rgb(231, 169, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 42.645, 323.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 169, 238) }
```

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

```
.background{ background-color: rgb(231,  
169, 238) }
```

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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