

Converting Colors

CIELCh(75, 41.102, 322.925)

Have a look what the booklet for
CIELCh(75, 41.102, 322.925)
contains.

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Color

CIELCh(75, 40.975, 322.917)

Conversions

Conversions Part 1

Format	Color
Hex	E0A5E7
RGB	224, 165, 231
RGB Percent	88%, 65%, 91%
CMY	0.1233, 0.3546, 0.0959
CMYK	0.03, 0.29, 0.00, 0.10
HSL	294°, 57%, 77%
HSV	294°, 29%, 90%
XYZ	58.3418, 48.2781, 81.5157
YIQ	190.1650, 13.9780, 33.0340

Conversions

Conversions Part 2

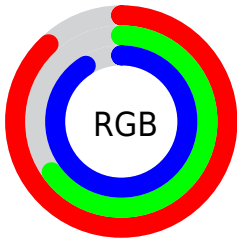
Format	Color
R _Y B	224, 165, 231
Decimal	14722535
CIE Lab	75.00, 32.69, -24.71
CIE LCh	75, 40.975, 322.917
Yxy	48.2781, 0.3101, 0.2566
Android (android.graphics.Color)	4292912615 (0xFFE0A5E7)
YUV	190.1650, 20.1317, 29.6733
Hunter-Lab	69.4824, 28.2854, -20.9204

Details

The CIELCh color $75, 40.975, 322.917$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 40.717, 139.839$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 21.281, 325.165$, and $55, 41.073, 323.078$ is the 20% darker color. If you saturate the color by 10%, you get $70, 55.080, 323.372$, and if you desaturate by 10%, it is $81, 26.599, 322.435$.

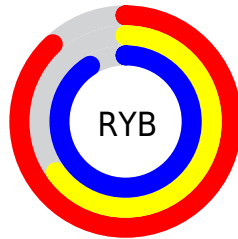
Distribution



Red (88%)

Green (65%)

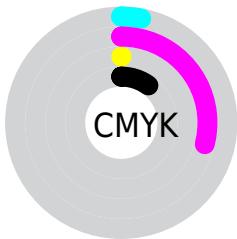
Blue (91%)



Red (88%)

Yellow (65%)

Blue (91%)

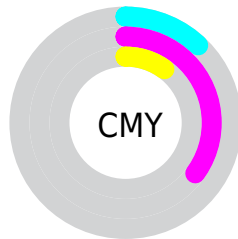


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (10%)



Cyan (12%)


Magenta (35%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 40.975, 322.917 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 75, 40.975, 322.917 by changing the saturation by 10% instead.


 75, 40.975,
322.917


 75, 40.975,
322.917


 100, 40.975,
322.917


 65, 40.975,
322.917


 95, 40.975,
322.917

 55, 40.975,
322.917

 45, 40.975,
322.917

 35, 40.975,
322.917

 25, 40.975,
322.917

 15, 40.975,
322.917

 5, 40.975, 322.917

■ 0, 40.975, 322.917

■ 75, 40.975,
322.917

■ 75, 40.975,
322.917

■ 70, 55.080,
323.372

■ 81, 26.599,
322.435

■ 65, 68.531,
323.777

■ 86, 12.236,
321.937

■ 60, 80.815,
324.106

■ 92, 1.937, 141.610

■ 57, 91.334,
324.329

■ 98, 14.697,
140.846

■ 54, 99.497,
324.414

■ 98, 14.248,
137.964

■ 52, 104.889,
324.340

■ 98, 13.837,
134.885

■ 51, 107.600,
324.105

■ 98, 13.467,
131.609

■ 51, 107.889,
324.068

■ 99, 13.145,
128.142

■ 99, 12.873,
124.497

Harmonies

Complementary

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



75, 40.975, 322.917



86, 40.717, 139.839

Rectangle

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



75, 40.975, 322.917



75, 40.975, 12.917



75, 40.975, 142.917



75, 40.975, 192.917

Sweetspot

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



75, 40.973, 322.917



94, 13.875, 321.959



72, 31.802, 288.771



49, 9.652, 322.033



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 40.973, 322.917



79, 52.760, 323.175



75, 32.424, 340.162



45, 8.041, 321.979



39, 89.074, 324.134



7, 37.230, 324.718

Inverse Universe

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



74, 26.069, 13.591



78, 34.141, 14.410



86, 31.830, 155.417



45, 4.855, 11.382



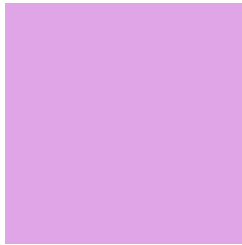
37, 75.497, 35.408



6, 26.807, 17.360

Previews

White Background



This preview shows how the CIELCh color 75, 40.975, 322.917 looks on a white background.

Color Contrast Check

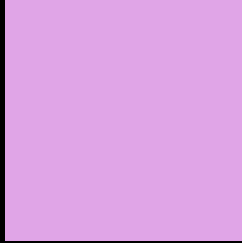
Large Text (above 18pt) WCAG AA × Fail

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 75, 40.975, 322.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

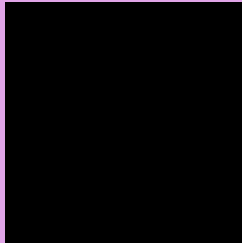
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 40.975, 322.917

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.975, 322.917.

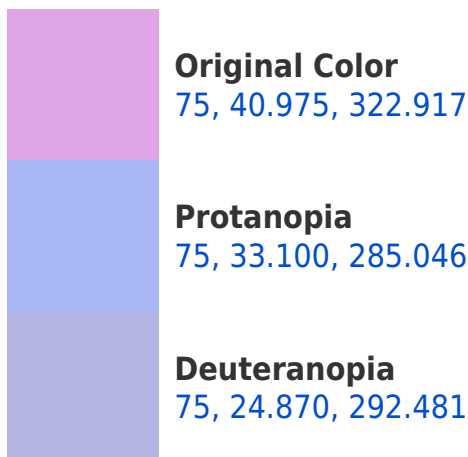


This preview shows how white text looks on a background with the CIELCh color 75, 40.975, 322.917.

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
75, 18.063, 358.338

Trichromacy



Original Color
75, 40.975, 322.917



Protanomaly
75, 34.419, 299.817



Deuteranomaly
75, 29.684, 306.646



Tritanomaly
75, 24.890, 337.911

Monochromacy



Original Color
75, 40.975, 322.917



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 15.063, 321.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.975, 322.917 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(224, 165, 231)` looks like.

```
.text, #text, p{  
    color:rgb(224, 165, 231)  
}
```

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(224, 165, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 165, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.975, 322.917 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(224, 165, 231) }
```

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

```
.border{ border-color:rgb(224, 165, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 165, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 165, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 165, 231);  
box-shadow:4px 4px 4px 4px rgb(224, 165,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.975, 322.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 165, 231) }
```

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

```
.background{ background-color: rgb(224,  
165, 231) }
```

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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