

Converting Colors

CIELCh(75, 48.880, 322.936)

Have a look what the booklet for
CIELCh(75, 48.880, 322.936)
contains.

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Color

CIELCh(75, 48.598, 322.893)

Conversions

Conversions Part 1

Format	Color
Hex	E6A0EF
RGB	230, 160, 239
RGB Percent	90%, 63%, 94%
CMY	0.0975, 0.3720, 0.0622
CMYK	0.04, 0.33, 0.00, 0.06
HSL	293°, 71%, 78%
HSV	293°, 33%, 94%
XYZ	60.8775, 48.2781, 87.8863
YIQ	189.9360, 16.3610, 39.4090

Conversions

Conversions Part 2

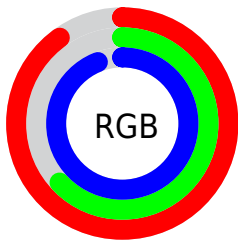
Format	Color
R _Y B	230, 160, 239
Decimal	15114479
CIE Lab	75.00, 38.76, -29.32
CIE LCh	75, 48.598, 322.893
Yxy	48.2781, 0.3090, 0.2450
Android (android.graphics.Color)	4293304559 (0xFFE6A0EF)
YUV	189.9360, 24.1886, 35.1361
Hunter-Lab	69.4824, 34.7996, -26.3564

Details

The CIELCh color $75, 48.598, 322.893$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $88, 48.240, 139.308$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $55, 48.749, 322.699$ is the 20% darker color. If you saturate the color by 10%, you get $70, 62.875, 323.326$, and if you desaturate by 10%, it is $81, 33.889, 322.423$.

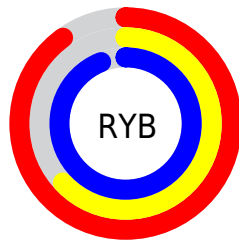
Distribution



Red (90%)

Green (63%)

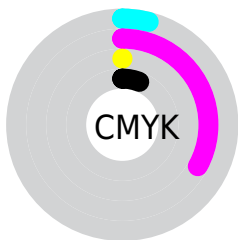
Blue (94%)



Red (90%)

Yellow (63%)

Blue (94%)

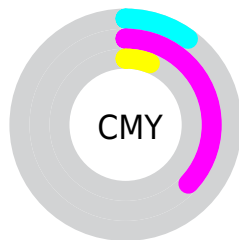


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (6%)



Cyan (10%)


Magenta (37%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 48.598, 322.893 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, 48.598, 322.893 by changing the saturation by 10% instead.


 75, 48.598,
322.893


 75, 48.598,
322.893


 100, 48.598,
322.893


 65, 48.598,
322.893


 95, 48.598,
322.893

 55, 48.598,
322.893

 45, 48.598,
322.893

 35, 48.598,
322.893

 25, 48.598,
322.893

 15, 48.598,
322.893

 5, 48.598, 322.893

■ 0, 48.598, 322.893

■ 75, 48.598,
322.893

■ 75, 48.598,
322.893

■ 70, 62.875,
323.326

■ 81, 33.889,
322.423

■ 65, 76.270,
323.697

■ 87, 19.088,
321.935

■ 61, 88.204,
323.977

■ 93, 4.415, 321.407

■ 99, 9.489, 140.877

■ 57, 98.043,
324.134

■ 99, 9.013, 135.759

■ 55, 105.225,
324.136

■ 99, 8.615, 130.087

■ 53, 109.466,
323.967

■ 99, 8.311, 123.900

■ 52, 111.003,
323.763

■ 99, 8.111, 117.292
■ 100, 8.026,
110.417

Harmonies

Complementary

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



75, 48.598, 322.893



88, 48.240, 139.308

Rectangle

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



75, 48.598, 322.893



75, 48.598, 12.893



75, 48.598, 142.893



75, 48.598, 192.893

Sweetspot

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



75, 48.596, 322.893



94, 15.393, 321.785



71, 38.141, 289.537



49, 10.512, 321.856



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, 48.596, 322.893



76, 61.733, 323.206



75, 38.542, 340.583



47, 8.315, 321.757



40, 91.030, 323.834



9, 39.676, 324.430

Inverse Universe

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



74, 31.401, 13.645



74, 40.767, 14.828



88, 37.759, 154.941



47, 5.039, 10.768



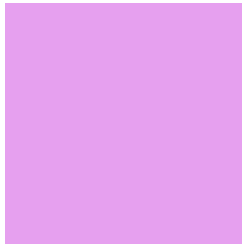
38, 76.809, 35.084



8, 29.293, 19.181

Previews

White Background



This preview shows how the CIELCh color 75, 48.598, 322.893 looks on a white background.

Color Contrast Check

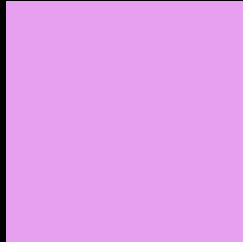
Large Text (above 18pt) WCAG AA × Fail

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, 48.598, 322.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

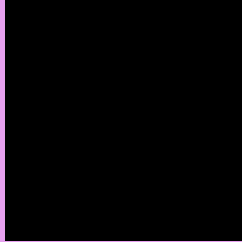
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 48.598, 322.893

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.598, 322.893.




This preview shows how white text looks on a background with the CIELCh color 75, 48.598, 322.893.

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, 20.624, 1.576

Trichromacy



Original Color
75, 48.598, 322.893



Protanomaly
75, 40.920, 299.636



Deuteranomaly
75, 35.626, 305.639



Tritanomaly
75, 29.038, 338.895

Monochromacy



Original Color
75, 48.598, 322.893



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 18.293, 322.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.598, 322.893 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, 160, 239)` looks like.

```
.text, #text, p{  
    color:rgb(230, 160, 239)  
}
```

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, 160, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 160, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.598, 322.893 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, 160, 239) }
```

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

```
.border{ border-color:rgb(230, 160, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 160, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 160, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 160, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 160,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.598, 322.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 160, 239) }
```

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

```
.background{ background-color: rgb(230,  
160, 239) }
```

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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