

Converting Colors

CIELCh(74, 28.872, 296.802)

Have a look what the booklet for
CIELCh(74, 28.872, 296.802)
contains.

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Color

CIELCh(74, 28.872, 296.802)

Conversions

Conversions Part 1

Format	Color
Hex	B6B0E5
RGB	182, 176, 229
RGB Percent	71%, 69%, 90%
CMY	0.2859, 0.3094, 0.1016
CMYK	0.21, 0.23, 0.00, 0.10
HSL	247°, 51%, 79%
HSV	247°, 23%, 90%
XYZ	49.0115, 46.7039, 80.6294
YIQ	183.8360, -13.4370, 17.7550

Conversions

Conversions Part 2

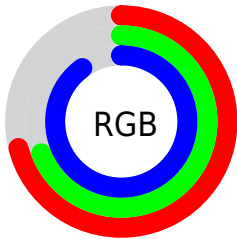
Format	Color
RYB	182, 176, 229
Decimal	11972837
CIELab	74.00, 13.02, -25.77
CIELCh	74, 28.872, 296.802
Yxy	46.7039, 0.2779, 0.2648
Android (android.graphics.Color)	4290162917 (0xFFB6B0E5)
YUV	183.8360, 22.2659, -1.6102
Hunter-Lab	68.3403, 8.4191, -22.1134

Details

The CIELCh color $74, 28.872, 296.802$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $89, 27.372, 112.772$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 12.095, 300.899$, and $54, 28.364, 296.278$ is the 20% darker color. If you saturate the color by 10%, you get $67, 42.202, 298.003$, and if you desaturate by 10%, it is $81, 16.066, 295.765$.

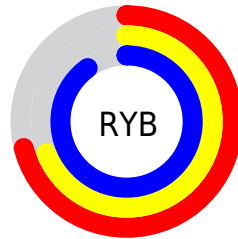
Distribution



Red (71%)

Green (69%)

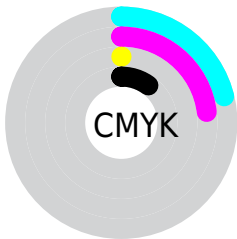
Blue (90%)



Red (71%)

Yellow (69%)

Blue (90%)

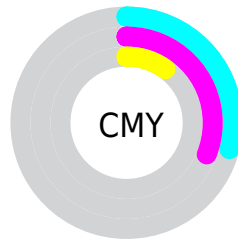


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (29%)

Magenta (31%)


Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.872, 296.802 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 74, 28.872, 296.802 by changing the saturation by 10% instead.

 74, 28.872,
296.802

 74, 28.872,
296.802


 100, 28.872,
296.802


 64, 28.872,
296.802


 94, 28.872,
296.802

 54, 28.872,
296.802

 44, 28.872,
296.802

 34, 28.872,
296.802

 24, 28.872,
296.802

 14, 28.872,
296.802

 4, 28.872, 296.802

■ 0, 28.872, 296.802

■ 74, 28.872,
296.802

■ 74, 28.872,
296.802

■ 67, 42.202,
298.003

■ 81, 16.066,
295.765

■ 59, 56.053,
299.377

■ 89, 3.768, 294.881

■ 52, 70.330,
300.912

■ 96, 8.055, 114.113

■ 45, 84.753,
302.549

■ 99, 13.110,
109.187

■ 39, 98.657,
304.160

■ 34, 110.759,
305.520

■ 31, 119.249,
306.349

■ 29, 122.739,
306.621

Harmonies

Complementary

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



74, 28.872, 296.802



89, 27.372, 112.772

Rectangle

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



74, 28.872, 296.802



74, 28.872, 346.802



74, 28.872, 116.802



74, 28.872, 166.802

Sweetspot

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



74, 28.870, 296.801



94, 9.231, 295.209



86, 16.088, 208.388



50, 6.004, 295.262



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 28.870, 296.801



78, 38.505, 297.384



76, 30.717, 313.493



44, 6.907, 295.423



22, 101.728, 306.690



2, 33.897, 299.480

Inverse Universe

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



78, 31.409, 329.034



83, 41.435, 329.338



88, 29.972, 131.450



45, 7.685, 328.204



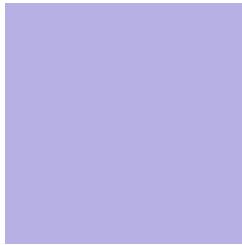
41, 80.935, 333.307



8, 34.429, 332.442

Previews

White Background



This preview shows how the CIELCh color 74, 28.872, 296.802 looks on a white background.

Color Contrast Check

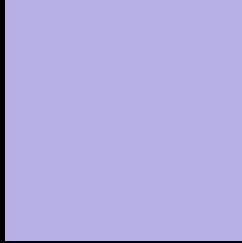
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 28.872, 296.802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

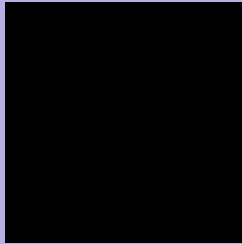
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 28.872, 296.802

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.872, 296.802.



This preview shows how white text looks on a background with the CIELCh color 74, 28.872, 296.802.

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

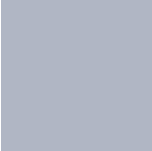
74, 28.872, 296.802

Protanopia

74, 28.278, 285.593

Deuteranopia

74, 27.646, 290.723



Tritanopia
74, 7.838, 275.033

Trichromacy



Original Color
74, 28.872, 296.802

Protanomaly
74, 28.174, 289.487

Deuteranomaly
74, 28.219, 293.481

Tritanomaly
74, 15.178, 288.990

Monochromacy



Original Color
74, 28.872, 296.802

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 10.326, 295.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.872, 296.802 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(182, 176, 229)` looks like.

```
.text, #text, p{  
    color:rgb(182, 176, 229)  
}
```

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(182, 176, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 176, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.872, 296.802 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(182, 176, 229) }
```

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

```
.border{ border-color:rgb(182, 176, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 176, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 176, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 176, 229);  
box-shadow:4px 4px 4px 4px rgb(182, 176,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.872, 296.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 176, 229) }
```

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

```
.background{ background-color: rgb(182,  
176, 229) }
```

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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