

Converting Colors

CIELCh(74, 44.300, 298.948)

Have a look what the booklet for
CIELCh(74, 44.300, 298.948)
contains.

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Color

CIELCh(74, 44.172, 299.022)

Conversions

Conversions Part 1

Format	Color
Hex	B8ACFD
RGB	184, 172, 253
RGB Percent	72%, 67%, 99%
CMY	0.2790, 0.3260, 0.0084
CMYK	0.27, 0.32, 0.00, 0.01
HSL	249°, 95%, 83%
HSV	249°, 32%, 99%
XYZ	52.1612, 46.7039, 99.0643
YIQ	184.8220, -18.8490, 27.7350

Conversions

Conversions Part 2

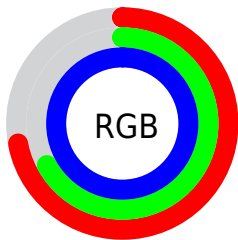
Format	Color
RYB	184, 172, 253
Decimal	12102909
CIELab	74.00, 21.43, -38.63
CIELCh	74, 44.172, 299.022
Yxy	46.7039, 0.2635, 0.2360
Android (android.graphics.Color)	4290292989 (0xFFB8ACFD)
YUV	184.8220, 33.6118, -0.7209
Hunter-Lab	68.3403, 16.6458, -38.1071

Details

The CIELCh color $74, 44.172, 299.022$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97, 40.931, 113.560$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.349, 309.559$, and $54, 43.979, 298.865$ is the 20% darker color. If you saturate the color by 10%, you get $66, 59.109, 300.282$, and if you desaturate by 10%, it is $82, 29.776, 297.916$.

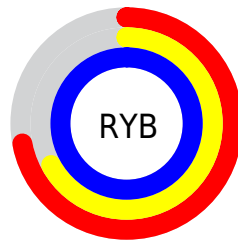
Distribution



Red (72%)

Green (67%)

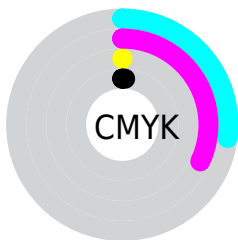
Blue (99%)



Red (72%)

Yellow (67%)

Blue (99%)

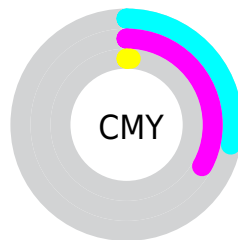


Cyan (27%)

Magenta (32%)

Yellow (0%)

Black (1%)



Cyan (28%)

Magenta (33%)

Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.172, 299.022 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, 44.172, 299.022 by changing the saturation by 10% instead.

 74, 44.172,
299.022

 74, 44.172,
299.022

 100, 44.172,
299.022

 64, 44.172,
299.022

 94, 44.172,
299.022

 54, 44.172,
299.022

 44, 44.172,
299.022

 34, 44.172,
299.022

 24, 44.172,
299.022

 14, 44.172,
299.022

 4, 44.172, 299.022

■ 0, 44.172, 299.022

■ 74, 44.172,
299.022

■ 74, 44.172,
299.022

■ 66, 59.109,
300.282

■ 82, 29.776,
297.916

■ 58, 74.489,
301.683

■ 90, 15.941,
296.959

■ 51, 90.017,
303.172

■ 98, 2.647, 296.140

■ 44, 105.011,
304.633

■ 100, 1.081,
110.026

■ 39, 118.170,
305.860

■ 35, 127.626,
306.591

■ 33, 131.916,
306.777

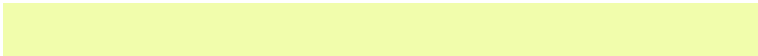
Harmonies

Complementary

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



74, 44.172, 299.022



97, 40.931, 113.560

Rectangle

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



74, 44.172, 299.022



74, 44.172, 349.022



74, 44.172, 119.022



74, 44.172, 169.022

Sweetspot

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



74, 44.170, 299.022



92, 13.291, 296.783



91, 22.703, 212.441



48, 9.092, 296.905



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, 44.170, 299.022



70, 53.395, 299.758



77, 46.726, 314.993



49, 7.549, 296.740



24, 106.794, 306.863



4, 44.457, 304.591

Inverse Universe

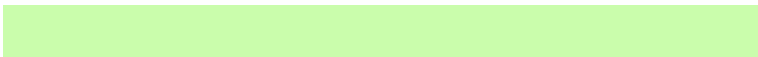
The Inverse Universe completely reimagines the original color for something new.



80, 45.882, 330.753



77, 54.545, 331.136



94, 45.295, 132.085



50, 8.177, 329.327



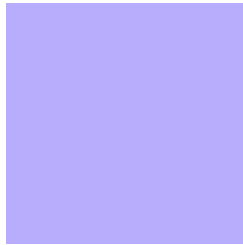
44, 82.881, 335.179



12, 38.659, 334.221

Previews

White Background



This preview shows how the CIELCh color 74, 44.172, 299.022 looks on a white background.

Color Contrast Check

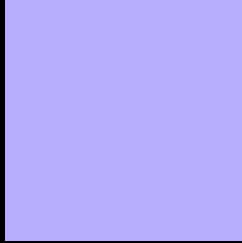
Large Text (above 18pt) WCAG AA × Fail

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 74, 44.172, 299.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

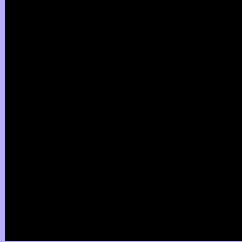
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 44.172, 299.022

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.172, 299.022.

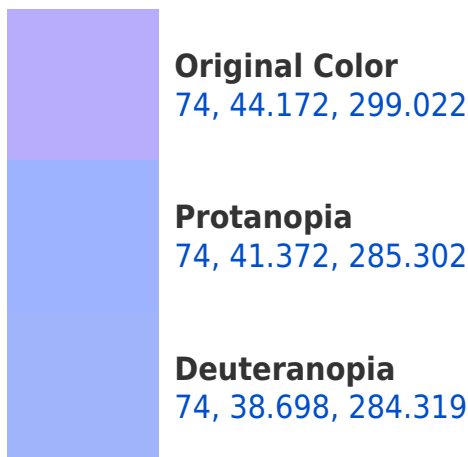


This preview shows how white text looks on a background with the CIELCh color 74, 44.172, 299.022.

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
74, 8.297, 265.564

Trichromacy



Original Color
74, 44.172, 299.022

Protanomaly
74, 42.275, 290.384

Deuteranomaly
74, 40.630, 290.049

Tritanomaly
74, 20.600, 290.231

Monochromacy



Original Color
74, 44.172, 299.022

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 16.371, 297.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.172, 299.022 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(184, 172, 253)` looks like.

```
.text, #text, p{  
    color:rgb(184, 172, 253)  
}
```

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(184, 172, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 172, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.172, 299.022 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(184, 172, 253) }
```

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

```
.border{ border-color:rgb(184, 172, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 172, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 172, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 172, 253);  
box-shadow:4px 4px 4px 4px rgb(184, 172,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.172, 299.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 172, 253) }
```

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

```
.background{ background-color: rgb(184,  
172, 253) }
```

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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