

Converting Colors

CIELCh(74, 21.944, 297.154)

Have a look what the booklet for
CIELCh(74, 21.944, 297.154)
contains.

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Color

CIELCh(74, 22.385, 297.514)

Conversions

Conversions Part 1

Format	Color
Hex	B7B1DA
RGB	183, 177, 218
RGB Percent	72%, 69%, 85%
CMY	0.2814, 0.3050, 0.1442
CMYK	0.16, 0.19, 0.00, 0.14
HSL	249°, 36%, 78%
HSV	249°, 19%, 86%
XYZ	48.0361, 46.7039, 72.9752
YIQ	183.4680, -9.5850, 14.0230

Conversions

Conversions Part 2

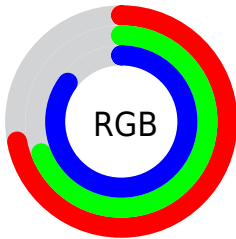
Format	Color
RYB	183, 177, 218
Decimal	12038618
CIELab	74.00, 10.34, -19.85
CIELCh	74, 22.385, 297.514
Yxy	46.7039, 0.2864, 0.2785
Android (android.graphics.Color)	4290228698 (0xFFB7B1DA)
YUV	183.4680, 17.0243, -0.4104
Hunter-Lab	68.3403, 5.8715, -15.4729

Details

The CIELCh color `74, 22.385, 297.514` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `86, 21.468, 114.505`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 11.578, 301.309`, and `54, 22.695, 298.244` is the 20% darker color. If you saturate the color by 10%, you get `67, 34.985, 298.561`, and if you desaturate by 10%, it is `81, 10.270, 296.607`.

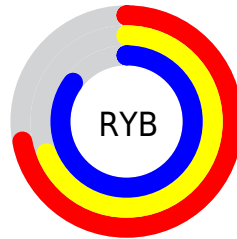
Distribution



Red (72%)

Green (69%)

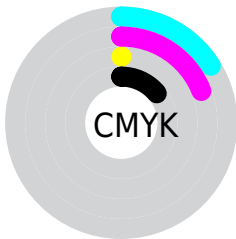
Blue (85%)



Red (72%)

Yellow (69%)

Blue (85%)

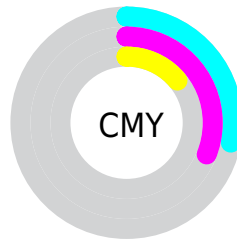


Cyan (16%)

Magenta (19%)

Yellow (0%)

Black (14%)



Cyan (28%)


Magenta (31%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 22.385, 297.514 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, 22.385, 297.514 by changing the saturation by 10% instead.


 74, 22.385,
297.514

 74, 22.385,
297.514


 100, 22.385,
297.514


 64, 22.385,
297.514


 94, 22.385,
297.514

 54, 22.385,
297.514

 44, 22.385,
297.514

 34, 22.385,
297.514

 24, 22.385,
297.514

 14, 22.385,
297.514

 4, 22.385, 297.514

■ 0, 22.385, 297.514

■ 74, 22.385,
297.514

■ 74, 22.385,
297.514

■ 67, 34.985,
298.561

■ 81, 10.270,
296.607

■ 60, 48.078,
299.762

■ 88, 1.375, 115.821

■ 53, 61.606,
301.110

■ 95, 12.581,
115.160

■ 46, 75.389,
302.572

■ 99, 18.587,
108.771

■ 40, 88.983,
304.058

■ 35, 101.472,
305.402

■ 31, 111.368,
306.358

■ 28, 117.377,
306.760

■ 28, 117.986,
306.808

Harmonies

Complementary

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



74, 22.385, 297.514



86, 21.468, 114.505

Rectangle

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



74, 22.385, 297.514



74, 22.385, 347.514



74, 22.385, 117.514



74, 22.385, 167.514

Sweetspot

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



74, 22.383, 297.513



95, 7.915, 296.383



83, 12.414, 212.146



50, 5.256, 296.436



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, 22.383, 297.513



82, 31.360, 297.957



76, 24.043, 314.381



42, 6.667, 296.662



21, 99.257, 306.890



2, 29.814, 298.503

Inverse Universe

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



77, 23.951, 329.844



86, 33.287, 330.120



84, 23.615, 132.763



43, 7.233, 329.260



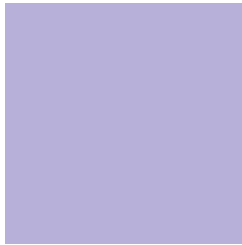
40, 77.229, 335.027



7, 31.180, 333.635

Previews

White Background



This preview shows how the CIELCh color 74, 22.385, 297.514 looks on a white background.

Color Contrast Check

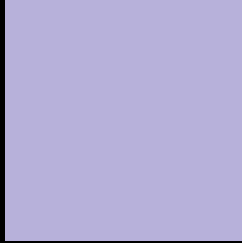
Large Text (above 18pt) WCAG AA × Fail

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, 22.385, 297.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

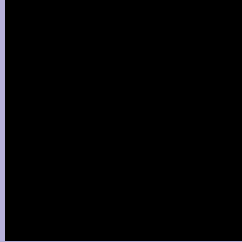
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 22.385, 297.514

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.385, 297.514.



This preview shows how white text looks on a background with the CIELCh color 74, 22.385, 297.514.

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, 22.385, 297.514

Protanopia

74, 21.741, 286.023

Deuteranopia

74, 21.764, 295.806



Tritanopia
74, 8.147, 285.908

Trichromacy



Original Color
74, 22.385, 297.514

Protanomaly
74, 21.680, 290.432

Deuteranomaly
74, 21.764, 295.806

Tritanomaly
74, 13.019, 292.965

Monochromacy



Original Color
74, 22.385, 297.514

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 7.622, 296.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.385, 297.514 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(183, 177, 218)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 218)  
}
```

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(183, 177, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.385, 297.514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

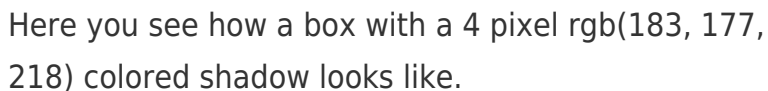
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 177, 218) }
```

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

```
.border{ border-color:rgb(183, 177, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 177, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 177, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 177, 218); box-shadow:4px 4px 4px 4px rgb(183, 177, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.385, 297.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 218) }
```

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

```
.background{ background-color: rgb(183,  
177, 218) }
```

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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