

Converting Colors

CIELCh(74, 32.269, 314.724)

Have a look what the booklet for
CIELCh(74, 32.269, 314.724)
contains.

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Color

CIELCh(74, 32.293, 314.741)

Conversions

Conversions Part 1

Format	Color
Hex	CCA9E0
RGB	204, 169, 224
RGB Percent	80%, 66%, 88%
CMY	0.1992, 0.3365, 0.1208
CMYK	0.09, 0.25, 0.00, 0.12
HSL	278°, 47%, 77%
HSV	278°, 25%, 88%
XYZ	52.6602, 46.7039, 76.9015
YIQ	185.7350, 3.2050, 24.5250

Conversions

Conversions Part 2

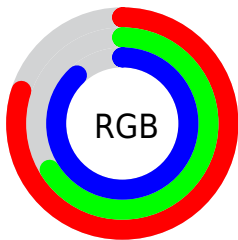
Format	Color
RYB	204, 169, 224
Decimal	13412832
CIELab	74.00, 22.73, -22.94
CIELCh	74, 32.293, 314.741
Yxy	46.7039, 0.2988, 0.2650
Android (android.graphics.Color)	4291602912 (0xFFCCA9E0)
YUV	185.7350, 18.8646, 16.0184
Hunter-Lab	68.3403, 17.9492, -18.8793

Details

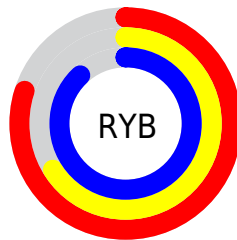
The CIELCh color **74, 32.293, 314.741** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86, 31.549, 132.577**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 19.393, 325.098**, and **54, 32.198, 314.320** is the 20% darker color. If you saturate the color by 10%, you get **68, 45.784, 315.193**, and if you desaturate by 10%, it is **80, 18.936, 314.290**.

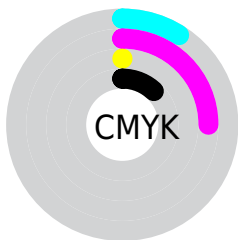
Distribution



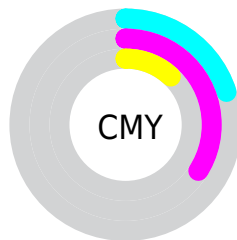
- Red (80%)
- Green (66%)
- Blue (88%)



- Red (80%)
- Yellow (66%)
- Blue (88%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (12%)





- Cyan (20%)
- Magenta (34%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.293, 314.741 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, 32.293, 314.741 by changing the saturation by 10% instead.


 74, 32.293,
314.741


 74, 32.293,
314.741


 100, 32.293,
314.741


 64, 32.293,
314.741


 94, 32.293,
314.741

 54, 32.293,
314.741

 44, 32.293,
314.741

 34, 32.293,
314.741

 24, 32.293,
314.741

 14, 32.293,
314.741

 4, 32.293, 314.741

■ 0, 32.293, 314.741

■ 74, 32.293,
314.741

■ 74, 32.293,
314.741

■ 68, 45.784,
315.193

■ 80, 18.936,
314.290

■ 62, 59.205,
315.624

■ 86, 5.842, 313.842

■ 57, 72.217,
315.998

■ 93, 6.924, 133.497

■ 98, 17.004,
131.659

■ 52, 84.319,
316.264

■ 99, 16.050,
122.109

■ 47, 94.838,
316.352

■ 99, 15.604,
111.529

■ 44, 103.011,
316.183

■ 99, 15.582,

■ 41, 108.224, 109.000
315.681

■ 40, 110.100,
315.303

Harmonies

Complementary

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



74, 32.293, 314.741



86, 31.549, 132.577

Rectangle

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



74, 32.293, 314.741



74, 32.293, 4.741



74, 32.293, 134.741



74, 32.293, 184.741

Sweetspot

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



74, 32.291, 314.741



95, 10.037, 313.958



76, 19.692, 272.067



50, 6.526, 313.985



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, 32.291, 314.741



80, 42.532, 314.953



76, 32.277, 329.772



44, 7.360, 314.064



31, 91.758, 315.472



5, 34.433, 315.444

Inverse Universe

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



75, 23.316, 354.214



81, 30.755, 354.808



84, 32.207, 146.583



44, 5.277, 352.529



37, 64.715, 14.962



6, 25.530, 4.039

Previews

White Background



This preview shows how the CIELCh color 74, 32.293, 314.741 looks on a white background.

Color Contrast Check

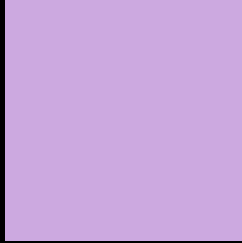
Large Text (above 18pt) WCAG AA × Fail

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, 32.293, 314.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

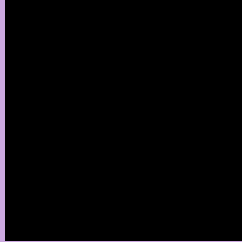
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 32.293, 314.741

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.293, 314.741.



This preview shows how white text looks on a background with the CIELCh color 74, 32.293, 314.741.

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, 11.113, 341.173

Trichromacy



Original Color
74, 32.293, 314.741

Protanomaly
74, 28.872, 296.802

Deuteranomaly
74, 26.506, 302.170

Tritanomaly
74, 18.117, 324.197

Monochromacy



Original Color
74, 32.293, 314.741

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 11.851, 314.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.293, 314.741 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(204, 169, 224)` looks like.

```
.text, #text, p{  
    color:rgb(204, 169, 224)  
}
```

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(204, 169, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 169, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.293, 314.741 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(204, 169, 224) }
```

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

```
.border{ border-color:rgb(204, 169, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 169, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 169, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 169, 224);  
box-shadow:4px 4px 4px 4px rgb(204, 169,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.293, 314.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 169, 224) }
```

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

```
.background{ background-color: rgb(204,  
169, 224) }
```

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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