

Converting Colors

CIELCh(74, 30.692, 340.213)

Have a look what the booklet for
CIELCh(74, 30.692, 340.213)
contains.

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Color

CIELCh(74, 31.127, 339.977)

Conversions

Conversions Part 1

Format	Color
Hex	E2A3CA
RGB	226, 163, 202
RGB Percent	89%, 64%, 79%
CMY	0.1132, 0.3602, 0.2073
CMYK	0.00, 0.28, 0.11, 0.11
HSL	323°, 52%, 76%
HSV	323°, 28%, 89%
XYZ	55.2062, 46.7039, 62.0670
YIQ	186.2830, 25.0290, 25.4850

Conversions

Conversions Part 2

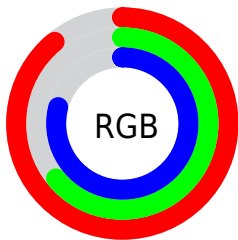
Format	Color
R _Y B	226, 163, 202
Decimal	14853066
CIE Lab	74.00, 29.25, -10.66
CIE LCh	74, 31.127, 339.977
Yxy	46.7039, 0.3367, 0.2848
Android (android.graphics.Color)	4293043146 (0xFFE2A3CA)
YUV	186.2830, 7.7485, 34.8318
Hunter-Lab	68.3403, 24.5993, -6.0093

Details

The CIELCh color $74, 31.127, 339.977$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 30.575, 155.396$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.170, 325.231$, and $54, 30.880, 340.158$ is the 20% darker color. If you saturate the color by 10%, you get $69, 42.182, 340.929$, and if you desaturate by 10%, it is $80, 19.877, 339.110$.

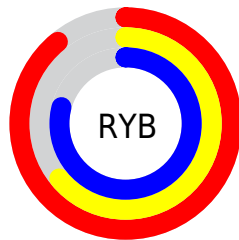
Distribution



Red (89%)

Green (64%)

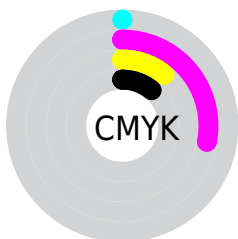
Blue (79%)



Red (89%)

Yellow (64%)

Blue (79%)

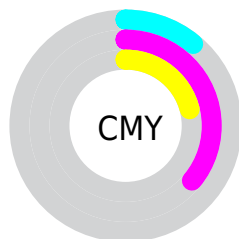


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 31.127, 339.977 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, 31.127, 339.977 by changing the saturation by 10% instead.

 74, 31.127,
339.977

 74, 31.127,
339.977


 100, 31.127,
339.977


 64, 31.127,
339.977


 94, 31.127,
339.977

 54, 31.127,
339.977

 44, 31.127,
339.977

 34, 31.127,
339.977

 24, 31.127,
339.977

 14, 31.127,
339.977

 4, 31.127, 339.977

0, 31.127, 339.977

74, 31.127,
339.977

74, 31.127,
339.977

69, 42.182,
340.929

80, 19.877,
339.110

64, 52.700,
341.991

85, 8.678, 338.293

60, 62.210,
343.205

91, 2.324, 157.780

97, 13.042,
156.958

56, 70.156,
344.629

98, 11.222,
172.312

53, 75.985,
346.347

98, 9.847, 195.376

51, 79.323,
348.470

98, 9.796, 198.854

■ 50, 80.250,
351.099

■ 50, 80.324,
351.700

Harmonies

Complementary

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



74, 31.127, 339.977



85, 30.575, 155.396

Rectangle

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



74, 31.127, 339.977



74, 31.127, 29.977



74, 31.127, 159.977



74, 31.127, 209.977

Sweetspot

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



74, 31.124, 339.978



95, 9.737, 338.309



71, 35.458, 305.941



50, 6.929, 338.432



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, 31.124, 339.978



79, 40.617, 340.476



73, 24.978, 11.385



44, 6.238, 338.422



38, 66.790, 351.168



7, 27.985, 346.343

Inverse Universe

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



74, 31.124, 339.978



79, 40.617, 340.476



86, 21.708, 186.134



44, 6.238, 338.422



38, 66.790, 351.168



7, 27.985, 346.343

Previews

White Background



This preview shows how the CIELCh color 74, 31.127, 339.977 looks on a white background.

Color Contrast Check

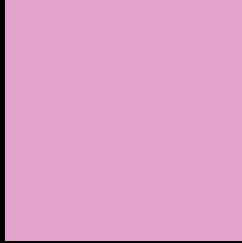
Large Text (above 18pt) WCAG AA × Fail

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, 31.127, 339.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

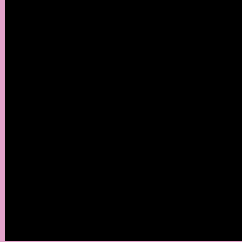
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 31.127, 339.977

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.127, 339.977.



This preview shows how white text looks on a background with the CIELCh color 74, 31.127, 339.977.

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, 22.557, 3.525

Trichromacy



Original Color
74, 31.127, 339.977

Protanomaly
74, 20.225, 311.285

Deuteranomaly
74, 19.611, 327.972

Tritanomaly
74, 24.822, 353.351

Monochromacy



Original Color
74, 31.127, 339.977

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 11.432, 339.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.127, 339.977 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(226, 163, 202)` looks like.

```
.text, #text, p{  
    color:rgb(226, 163, 202)  
}
```

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(226, 163, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 163, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.127, 339.977 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(226, 163, 202) }
```

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

```
.border{ border-color:rgb(226, 163, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 163, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 163, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 163, 202);  
box-shadow:4px 4px 4px 4px rgb(226, 163,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.127, 339.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 163, 202) }
```

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

```
.background{ background-color: rgb(226,  
163, 202) }
```

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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