

Converting Colors

CIELCh(74, 30.682, 339.808)

Have a look what the booklet for
CIELCh(74, 30.682, 339.808)
contains.

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Color

CIELCh(74, 30.863, 339.470)

Conversions

Conversions Part 1

Format	Color
Hex	E1A3CA
RGB	225, 163, 202
RGB Percent	88%, 64%, 79%
CMY	0.1159, 0.3591, 0.2062
CMYK	0.00, 0.28, 0.10, 0.12
HSL	322°, 51%, 76%
HSV	322°, 28%, 88%
XYZ	55.0703, 46.7039, 62.2534
YIQ	185.9840, 24.4330, 25.2730

Conversions

Conversions Part 2

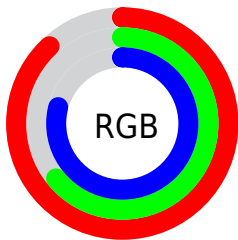
Format	Color
R _Y B	225, 163, 202
Decimal	14787530
CIE Lab	74.00, 28.90, -10.82
CIE LCh	74, 30.863, 339.470
Yxy	46.7039, 0.3357, 0.2847
Android (android.graphics.Color)	4292977610 (0xFFE1A3CA)
YUV	185.9840, 7.8959, 34.2170
Hunter-Lab	68.3403, 24.2442, -6.1710

Details

The CIELCh color **74, 30.863, 339.470** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85, 30.353, 155.001**, 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, 30.612, 339.599** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.966, 340.402**, and if you desaturate by 10%, it is **80, 19.569, 338.618**.

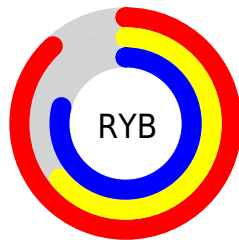
Distribution



Red (88%)

Green (64%)

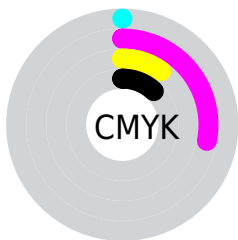
Blue (79%)



Red (88%)

Yellow (64%)

Blue (79%)

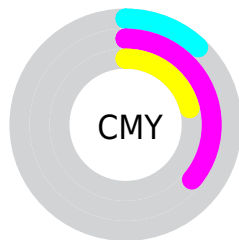


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.863, 339.470 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, 30.863, 339.470 by changing the saturation by 10% instead.


 74, 30.863,
339.470


 74, 30.863,
339.470


 100, 30.863,
339.470


 64, 30.863,
339.470


 94, 30.863,
339.470

 54, 30.863,
339.470

 44, 30.863,
339.470

 34, 30.863,
339.470

 24, 30.863,
339.470

 14, 30.863,
339.470

 4, 30.863, 339.470

74, 30.863,
339.470

74, 30.863,
339.470

69, 41.966,
340.402

80, 19.569,
338.618

64, 52.539,
341.438

85, 8.328, 337.812

60, 62.115,
342.614

91, 2.716, 157.282

97, 13.476,
156.494

56, 70.138,
343.988

98, 11.679,
170.682

53, 76.054,
345.638

98, 10.168,
191.940

51, 79.478,
347.667

98, 10.027,

■ 50, 80.454,
350.179

198.838

■ 50, 80.532,
350.850

Harmonies

Complementary

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



74, 30.863, 339.470



85, 30.353, 155.001

Rectangle

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



74, 30.863, 339.470



74, 30.863, 29.470



74, 30.863, 159.470



74, 30.863, 209.470

Sweetspot

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



74, 30.860, 339.471



95, 9.806, 337.856



71, 34.907, 305.916



50, 6.978, 337.977



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, 30.860, 339.471



79, 40.883, 339.992



73, 24.580, 11.336



44, 6.282, 337.967



38, 67.122, 350.344



7, 28.143, 345.703

Inverse Universe

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



74, 30.860, 339.471



79, 40.883, 339.992



85, 21.404, 186.166



44, 6.282, 337.967



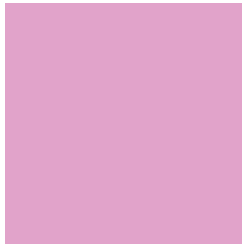
38, 67.122, 350.344



7, 28.143, 345.703

Previews

White Background



This preview shows how the CIELCh color 74, 30.863, 339.470 looks on a white background.

Color Contrast Check

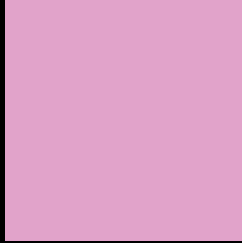
Large Text (above 18pt) WCAG AA × Fail

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, 30.863, 339.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

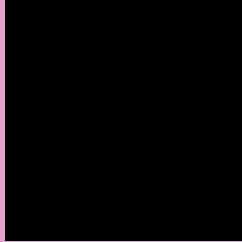
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.863, 339.470

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.863, 339.470.



This preview shows how white text looks on a background with the CIELCh color 74, 30.863, 339.470.

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, 30.863, 339.470

Protanopia

74, 17.910, 286.384

Deuteranopia

74, 13.658, 314.666



Tritanopia
74, 22.557, 3.525

Trichromacy



Original Color
74, 30.863, 339.470

Protanomaly
74, 20.225, 311.285

Deuteranomaly
74, 19.611, 327.972

Tritanomaly
74, 24.822, 353.351

Monochromacy



Original Color
74, 30.863, 339.470

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 11.156, 337.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.863, 339.470 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(225, 163, 202)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 163, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 163, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.863, 339.470 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(225, 163, 202) }
```

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

```
.border{ border-color:rgb(225, 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(225, 163, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 163, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 163, 202); box-shadow:4px 4px 4px 4px rgb(225, 163, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.863, 339.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 163, 202) }
```

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

```
.background{ background-color: rgb(225,  
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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