

Converting Colors

CIELCh(74, 30.516, 292.067)

Have a look what the booklet for
CIELCh(74, 30.516, 292.067)
contains.

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Color

CIELCh(74, 30.906, 292.455)

Conversions

Conversions Part 1

Format	Color
Hex	B0B1EA
RGB	176, 177, 234
RGB Percent	69%, 69%, 92%
CMY	0.3092, 0.3053, 0.0817
CMYK	0.25, 0.24, 0.00, 0.08
HSL	239°, 58%, 80%
HSV	239°, 25%, 92%
XYZ	48.5677, 46.7039, 84.4202
YIQ	183.1990, -18.8930, 17.5150

Conversions

Conversions Part 2

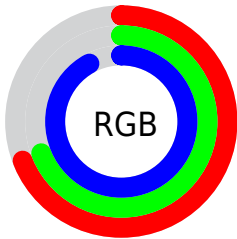
Format	Color
R _Y B	176, 177, 234
Decimal	11579882
CIE _{Lab}	74.00, 11.80, -28.56
CIE _{LCh}	74, 30.906, 292.455
Y _{xy}	46.7039, 0.2703, 0.2599
Android (android.graphics.Color)	4289769962 (0xFFB0B1EA)
YUV	183.1990, 25.0449, -6.3135
Hunter-Lab	68.3403, 7.2599, -25.4023

Details

The CIELCh color $74, 30.906, 292.455$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $91, 29.196, 107.042$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.367, 289.359$, and $54, 30.570, 291.947$ is the 20% darker color. If you saturate the color by 10%, you get $66, 44.309, 294.034$, and if you desaturate by 10%, it is $82, 18.055, 291.112$.

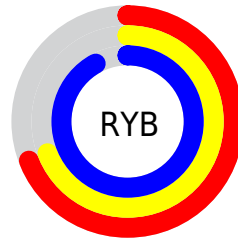
Distribution



Red (69%)

Green (69%)

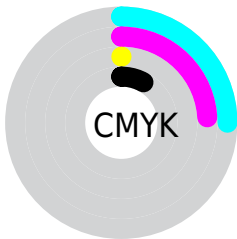
Blue (92%)



Red (69%)

Yellow (69%)

Blue (92%)

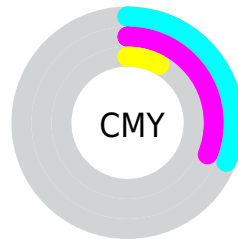


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (31%)


Magenta (31%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.906, 292.455 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, 30.906, 292.455 by changing the saturation by 10% instead.


 74, 30.906,
292.455


 74, 30.906,
292.455


 100, 30.906,
292.455


 64, 30.906,
292.455


 94, 30.906,
292.455

 54, 30.906,
292.455

 44, 30.906,
292.455

 34, 30.906,
292.455

 24, 30.906,
292.455

 14, 30.906,
292.455

 4, 30.906, 292.455

■ 0, 30.906, 292.455

■ 74, 30.906,
292.455

■ 74, 30.906,
292.455

■ 66, 44.309,
294.034

■ 82, 18.055,
291.112

■ 59, 58.285,
295.870

■ 89, 5.724, 289.982

■ 52, 72.773,
297.955

■ 97, 6.131, 108.989

■ 100, 10.546,
109.379

■ 45, 87.507,
300.215

■ 38, 101.758,
302.476

■ 34, 114.042,
304.438

■ 30,122.303,
305.757

■ 30,124.754,
306.133

Harmonies

Complementary

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



74, 30.906, 292.455



91, 29.196, 107.042

Rectangle

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



74, 30.906, 292.455



74, 30.906, 342.455



74, 30.906, 112.455



74, 30.906, 162.455

Sweetspot

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



74, 30.904, 292.454



94, 9.034, 290.219



89, 19.326, 195.134



50, 5.876, 290.284



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, 30.904, 292.454



76, 40.563, 293.271



76, 32.743, 309.136



45, 6.883, 290.487



22, 102.675, 306.075



3, 35.305, 297.440

Inverse Universe

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



77, 22.633, 19.998



80, 29.954, 20.640



90, 31.555, 126.722



46, 4.903, 18.544



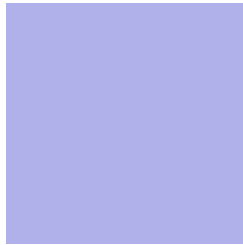
38, 80.068, 39.277



7, 28.460, 22.019

Previews

White Background



This preview shows how the CIELCh color 74, 30.906, 292.455 looks on a white background.

Color Contrast Check

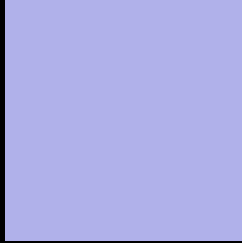
Large Text (above 18pt) WCAG AA × Fail

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, 30.906, 292.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

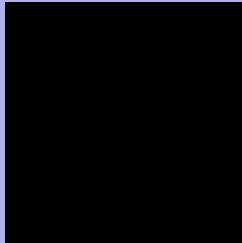
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.906, 292.455

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.906, 292.455.



This preview shows how white text looks on a background with the CIELCh color 74, 30.906, 292.455.

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, 30.906, 292.455

Protanopia

74, 30.473, 285.197

Deuteranopia

74, 29.816, 288.610



Tritanopia
74, 9.128, 255.522

Trichromacy



Original Color
74, 30.906, 292.455

Protanomaly
74, 30.391, 287.558

Deuteranomaly
74, 30.346, 290.562

Tritanomaly
74, 15.983, 279.283

Monochromacy



Original Color
74, 30.906, 292.455

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.373, 291.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.906, 292.455 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(176, 177, 234)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 234)  
}
```

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(176, 177, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.906, 292.455 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(176, 177, 234) }
```

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

```
.border{ border-color:rgb(176, 177, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 177, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 177, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 177, 234);  
box-shadow:4px 4px 4px 4px rgb(176, 177,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.906, 292.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 177, 234) }
```

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

```
.background{ background-color: rgb(176,  
177, 234) }
```

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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