

Converting Colors

CIELCh(74, 30.433, 303.334)

Have a look what the booklet for
CIELCh(74, 30.433, 303.334)
contains.

CIELCh(74, 30.421, 303.067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 30.421, 303.067)

Conversions

Conversions Part 1

Format	Color
Hex	BEAEE5
RGB	190, 174, 229
RGB Percent	75%, 68%, 90%
CMY	0.2561, 0.3188, 0.1032
CMYK	0.17, 0.24, 0.00, 0.10
HSL	257°, 51%, 79%
HSV	257°, 24%, 90%
XYZ	50.3360, 46.7039, 80.2603
YIQ	185.0540, -8.1190, 20.4970

Conversions

Conversions Part 2

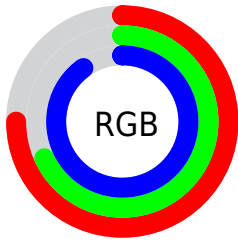
Format	Color
R _Y B	190, 174, 229
Decimal	12496613
CIE Lab	74.00, 16.60, -25.49
CIE LCh	74, 30.421, 303.067
Yxy	46.7039, 0.2839, 0.2634
Android (android.graphics.Color)	4290686693 (0xFFBEAEE5)
YUV	185.0540, 21.6654, 4.3376
Hunter-Lab	68.3403, 11.8785, -21.7933

Details

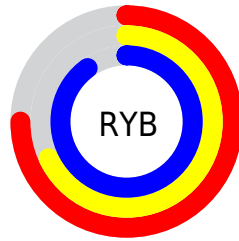
The CIELCh color `74, 30.421, 303.067` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `88, 28.998, 120.038`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 14.256, 315.495`, and `54, 29.937, 302.906` is the 20% darker color. If you saturate the color by 10%, you get `67, 43.821, 303.888`, and if you desaturate by 10%, it is `81, 17.454, 302.333`.

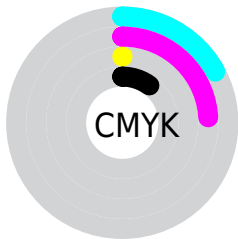
Distribution



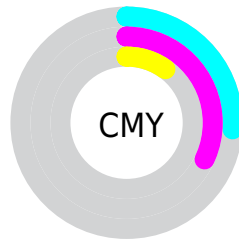
- Red (75%)
- Green (68%)
- Blue (90%)



- Red (75%)
- Yellow (68%)
- Blue (90%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)





- Cyan (26%)
- Magenta (32%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.421, 303.067 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, 30.421, 303.067 by changing the saturation by 10% instead.


 74, 30.421,
303.067


 74, 30.421,
303.067


 100, 30.421,
303.067


 64, 30.421,
303.067


 94, 30.421,
303.067

 54, 30.421,
303.067

 44, 30.421,
303.067

 34, 30.421,
303.067

 24, 30.421,
303.067

 14, 30.421,
303.067

 4, 30.421, 303.067

■ 0, 30.421, 303.067

■ 74, 30.421,
303.067

■ 74, 30.421,
303.067

■ 67, 43.821,
303.888

■ 81, 17.454,
302.333

■ 60, 57.589,
304.790

■ 88, 4.941, 301.683

■ 53, 71.554,
305.745

■ 95, 7.126, 121.140

■ 99, 13.319,
109.849

■ 47, 85.350,
306.694

■ 99, 13.316,
109.171

■ 41, 98.293,
307.533

■ 36, 109.276,
308.099

■ 33,116.937,
308.205

■ 31,119.971,
308.089

Harmonies

Complementary

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



74, 30.421, 303.067



88, 28.998, 120.038

Rectangle

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



74, 30.421, 303.067



74, 30.421, 353.067



74, 30.421, 123.067



74, 30.421, 173.067

Sweetspot

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



74, 30.419, 303.066



95, 9.389, 301.871



83, 15.238, 231.536



50, 6.107, 301.910



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, 30.419, 303.066



78, 40.441, 303.477



76, 33.235, 319.367



44, 7.023, 302.026



24, 99.487, 308.231



3, 34.435, 303.949

Inverse Universe

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



77, 28.810, 335.609



82, 37.959, 336.008



87, 32.828, 137.107



45, 6.776, 334.528



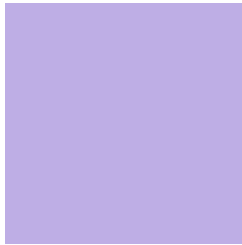
40, 71.082, 344.162



8, 30.701, 341.057

Previews

White Background



This preview shows how the CIELCh color 74, 30.421, 303.067 looks on a white background.

Color Contrast Check

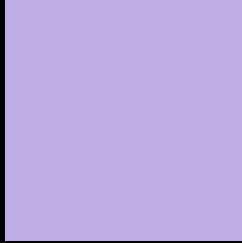
Large Text (above 18pt) WCAG AA × Fail

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, 30.421, 303.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

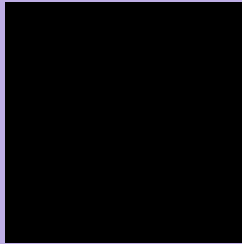
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.421, 303.067

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.421, 303.067.



This preview shows how white text looks on a background with the CIELCh color 74, 30.421, 303.067.

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, 30.421, 303.067

Protanopia

74, 28.843, 285.172

Deuteranopia

74, 27.103, 291.320



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color
74, 30.421, 303.067

Protanomaly
74, 28.720, 291.552

Deuteranomaly
74, 28.309, 296.169

Tritanomaly
74, 16.028, 301.784

Monochromacy



Original Color
74, 30.421, 303.067

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 11.069, 302.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.421, 303.067 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(190, 174, 229)` looks like.

```
.text, #text, p{  
    color:rgb(190, 174, 229)  
}
```

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(190, 174, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 174, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.421, 303.067 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(190, 174, 229) }
```

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

```
.border{ border-color:rgb(190, 174, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 174, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 174, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 174, 229);  
box-shadow:4px 4px 4px 4px rgb(190, 174,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.421, 303.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 174, 229) }
```

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

```
.background{ background-color: rgb(190,  
174, 229) }
```

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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