

Converting Colors

CIELCh(74, 28.789, 301.425)

Have a look what the booklet for
CIELCh(74, 28.789, 301.425)
contains.

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Color

CIELCh(74, 28.634, 301.554)

Conversions

Conversions Part 1

Format	Color
Hex	BCAFE3
RGB	188, 175, 227
RGB Percent	74%, 69%, 89%
CMY	0.2641, 0.3150, 0.1112
CMYK	0.17, 0.23, 0.00, 0.11
HSL	255°, 48%, 79%
HSV	255°, 23%, 89%
XYZ	49.7359, 46.7039, 78.8119
YIQ	184.8150, -8.9440, 18.9280

Conversions

Conversions Part 2

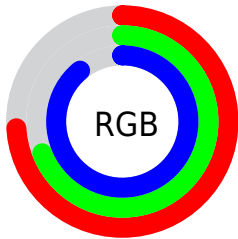
Format	Color
R _Y B	188, 175, 227
Decimal	12365795
CIE Lab	74.00, 14.98, -24.40
CIE LCh	74, 28.634, 301.554
Yxy	46.7039, 0.2838, 0.2665
Android (android.graphics.Color)	4290555875 (0xFFBCAFE3)
YUV	184.8150, 20.7972, 2.7932
Hunter-Lab	68.3403, 10.3110, -20.5367

Details

The CIELCh color $74, 28.634, 301.554$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $88, 27.301, 118.461$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 13.365, 312.313$, and $54, 28.057, 301.244$ is the 20% darker color. If you saturate the color by 10%, you get $67, 41.872, 302.441$, and if you desaturate by 10%, it is $81, 15.853, 300.769$.

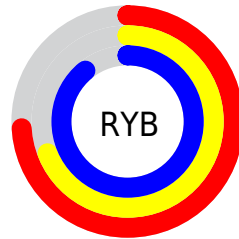
Distribution



Red (74%)

Green (69%)

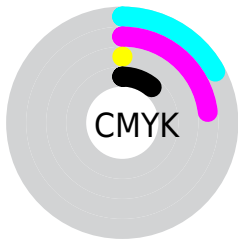
Blue (89%)



Red (74%)

Yellow (69%)

Blue (89%)

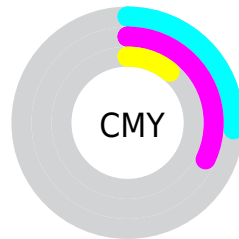


Cyan (17%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (26%)


Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.634, 301.554 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, 28.634, 301.554 by changing the saturation by 10% instead.

 74, 28.634,
301.554

 74, 28.634,
301.554

 100, 28.634,
301.554


 64, 28.634,
301.554


 94, 28.634,
301.554

 54, 28.634,
301.554

 44, 28.634,
301.554

 34, 28.634,
301.554

 24, 28.634,
301.554

 14, 28.634,
301.554

 4, 28.634, 301.554

0, 28.634, 301.554

74, 28.634,
301.554

74, 28.634,
301.554

67, 41.872,
302.441

81, 15.853,
300.769

60, 55.524,
303.429

88, 3.538, 300.079

53, 69.451,
304.495

95, 8.328, 119.501

99, 14.345,
109.093

47, 83.335,
305.585

41, 96.541,
306.595

36, 107.979,
307.359

■ 32, 116.203,
307.669

■ 30, 119.921,
307.631

Harmonies

Complementary

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



74, 28.634, 301.554



88, 27.301, 118.461

Rectangle

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



74, 28.634, 301.554



74, 28.634, 351.554



74, 28.634, 121.554



74, 28.634, 171.554

Sweetspot

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



74, 28.632, 301.553



95, 9.342, 300.354



83, 14.604, 224.747



50, 6.076, 300.395



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, 28.632, 301.553



78, 38.835, 302.006



76, 31.077, 317.763



43, 6.860, 300.519



23, 99.061, 307.763



3, 32.146, 301.889

Inverse Universe

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



77, 28.067, 333.869



83, 37.704, 334.250



86, 30.614, 135.692



44, 6.849, 332.921



39, 72.311, 341.294



7, 30.349, 338.683

Previews

White Background



This preview shows how the CIELCh color 74, 28.634, 301.554 looks on a white background.

Color Contrast Check

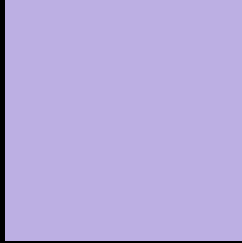
Large Text (above 18pt) WCAG AA × Fail

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, 28.634, 301.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

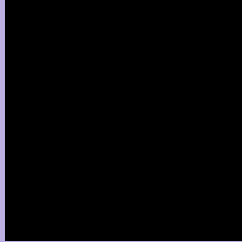
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 28.634, 301.554

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.634, 301.554.



This preview shows how white text looks on a background with the CIELCh color 74, 28.634, 301.554.

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, 8.177, 296.020

Trichromacy



Original Color
74, 28.634, 301.554

Protanomaly
74, 27.642, 291.398

Deuteranomaly
74, 26.643, 295.529

Tritanomaly
74, 15.913, 299.276

Monochromacy



Original Color
74, 28.634, 301.554

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 10.409, 299.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.634, 301.554 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(188, 175, 227)` looks like.

```
.text, #text, p{  
    color:rgb(188, 175, 227)  
}
```

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(188, 175, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 175, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.634, 301.554 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(188, 175, 227) }
```

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

```
.border{ border-color:rgb(188, 175, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 175, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 175, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 175, 227);  
box-shadow:4px 4px 4px 4px rgb(188, 175,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.634, 301.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 175, 227) }
```

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

```
.background{ background-color: rgb(188,  
175, 227) }
```

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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