

Converting Colors

CIELCh(69, 40.516, 310.606)

Have a look what the booklet for
CIELCh(69, 40.516, 310.606)
contains.

CIELCh(69, 40.374, 310.601)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 40.374, 310.601)

Conversions

Conversions Part 1

Format	Color
Hex	BD9AE0
RGB	189, 154, 224
RGB Percent	74%, 60%, 88%
CMY	0.2586, 0.3958, 0.1213
CMYK	0.16, 0.31, 0.00, 0.12
HSL	270°, 53%, 74%
HSV	270°, 31%, 88%
XYZ	46.0319, 39.3444, 75.7366
YIQ	172.4450, -1.6100, 29.1900

Conversions

Conversions Part 2

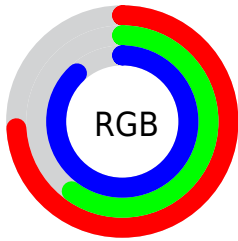
Format	Color
R _{YB}	189, 154, 224
Decimal	12425952
CIE Lab	69.00, 26.27, -30.65
CIE LCh	69, 40.374, 310.601
Yxy	39.3444, 0.2857, 0.2442
Android (android.graphics.Color)	4290616032 (0xFFBD9AE0)
YUV	172.4450, 25.4166, 14.5187
Hunter-Lab	62.7251, 21.2264, -27.6814

Details

The CIELCh color $69, 40.374, 310.601$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 38.634, 127.608$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 27.292, 319.744$, and $49, 40.331, 310.499$ is the 20% darker color. If you saturate the color by 10%, you get $63, 53.806, 311.148$, and if you desaturate by 10%, it is $75, 27.114, 310.069$.

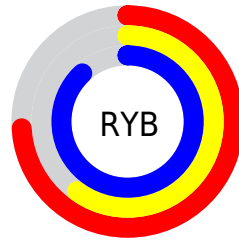
Distribution



Red (74%)

Green (60%)

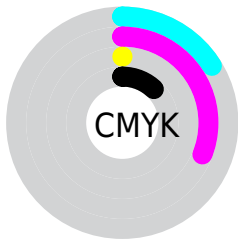
Blue (88%)



Red (74%)

Yellow (60%)

Blue (88%)

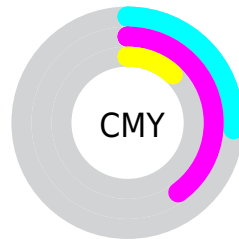


Cyan (16%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (26%)


Magenta (40%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 40.374, 310.601 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 69, 40.374, 310.601 by changing the saturation by 10% instead.

 69, 40.374,
310.601


 69, 40.374,
310.601


 100, 40.374,
310.601


 59, 40.374,
310.601


 89, 40.374,
310.601

 49, 40.374,
310.601

 99, 40.374,
310.601

 39, 40.374,
310.601

 29, 40.374,
310.601

 19, 40.374,
310.601

 9, 40.374, 310.601

 0, 40.374, 310.601

69, 40.374,
310.601

69, 40.374,
310.601

63, 53.806,
311.148

75, 27.114,
310.069

57, 67.190,
311.680

82, 14.152,
309.568

51, 80.141,
312.148

88, 1.548, 309.039

46, 92.055,
312.476

95, 10.675,
128.725

41, 102.098,
312.562

99, 16.104,
121.899

38, 109.347,
312.288

99, 15.648,
108.995

36, 113.320,
311.756

Harmonies

Complementary

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



69, 40.374, 310.601



85, 38.634, 127.608

Rectangle

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



69, 40.374, 310.601



69, 40.374, 0.601



69, 40.374, 130.601



69, 40.374, 180.601

Sweetspot

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



69, 40.372, 310.601



93, 12.546, 309.463



75, 21.608, 260.403



49, 8.736, 309.534



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 40.372, 310.601



74, 53.431, 310.930



72, 44.883, 326.134



44, 7.139, 309.482



27, 94.432, 311.937



4, 33.480, 310.310

Inverse Universe

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



71, 32.135, 346.593



77, 42.268, 347.306



83, 44.900, 142.226



44, 5.746, 344.397



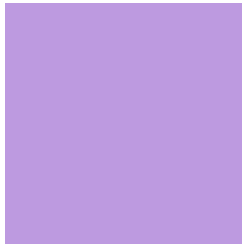
38, 64.176, 1.833



6, 26.430, 354.734

Previews

White Background



This preview shows how the CIELCh color 69, 40.374, 310.601 looks on a white background.

Color Contrast Check

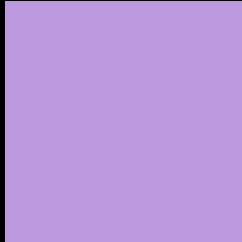
Large Text (above 18pt) WCAG AA × Fail

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 69, 40.374, 310.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

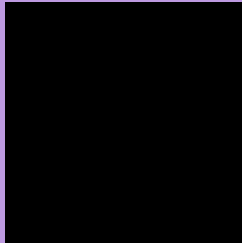
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.374, 310.601

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.374, 310.601.




This preview shows how white text looks on a background with the CIELCh color 69, 40.374, 310.601.

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
69, 9.876, 334.030

Trichromacy



Original Color
69, 40.374, 310.601

Protanomaly
69, 37.410, 294.306

Deuteranomaly
69, 33.661, 296.780

Tritanomaly
69, 20.208, 317.306

Monochromacy



Original Color
69, 40.374, 310.601

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 15.084, 309.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.374, 310.601 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(189, 154, 224)` looks like.

```
.text, #text, p{  
    color:rgb(189, 154, 224)  
}
```

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(189, 154, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 154, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.374, 310.601 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(189, 154, 224) }
```

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

```
.border{ border-color:rgb(189, 154, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 154, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 154, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 154, 224);  
box-shadow:4px 4px 4px 4px rgb(189, 154,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.374, 310.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 154, 224) }
```

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

```
.background{ background-color: rgb(189,  
154, 224) }
```

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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