

Converting Colors

CIELCh(74, 34.353, 303.718)

Have a look what the booklet for
CIELCh(74, 34.353, 303.718)
contains.

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Color

CIELCh(74, 34.359, 303.796)

Conversions

Conversions Part 1

Format	Color
Hex	BFACEA
RGB	191, 172, 234
RGB Percent	75%, 67%, 92%
CMY	0.2497, 0.3242, 0.0810
CMYK	0.18, 0.26, 0.00, 0.08
HSL	258°, 60%, 80%
HSV	258°, 26%, 92%
XYZ	51.2801, 46.7039, 84.4070
YIQ	184.7490, -8.5780, 23.3100

Conversions

Conversions Part 2

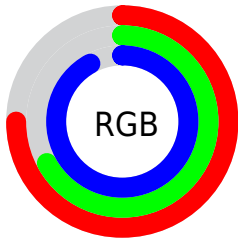
Format	Color
R _Y B	191, 172, 234
Decimal	12561642
CIE Lab	74.00, 19.11, -28.55
CIE LCh	74, 34.359, 303.796
Yxy	46.7039, 0.2812, 0.2561
Android (android.graphics.Color)	4290751722 (0xFFBFACEA)
YUV	184.7490, 24.2807, 5.4821
Hunter-Lab	68.3403, 14.3444, -25.3908

Details

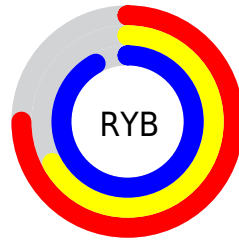
The CIELCh color $74, 34.359, 303.796$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $90, 32.609, 120.517$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.280, 317.754$, and $54, 34.106, 303.793$ is the 20% darker color. If you saturate the color by 10%, you get $67, 48.132, 304.610$, and if you desaturate by 10%, it is $81, 21.005, 303.063$.

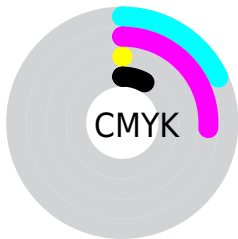
Distribution



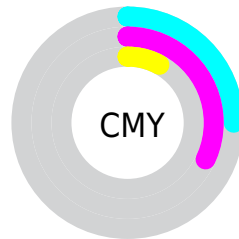
- Red (75%)
- Green (67%)
- Blue (92%)



- Red (75%)
- Yellow (67%)
- Blue (92%)



- Cyan (18%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)





- Cyan (25%)
- Magenta (32%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 34.359, 303.796 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, 34.359, 303.796 by changing the saturation by 10% instead.

 74, 34.359,
303.796

 74, 34.359,
303.796


 100, 34.359,
303.796


 64, 34.359,
303.796


 94, 34.359,
303.796

 54, 34.359,
303.796

 44, 34.359,
303.796

 34, 34.359,
303.796

 24, 34.359,
303.796

 14, 34.359,
303.796

 4, 34.359, 303.796

0, 34.359, 303.796

74, 34.359,
303.796

74, 34.359,
303.796

67, 48.132,
304.610

81, 21.005,
303.063

60, 62.234,
305.494

88, 8.107, 302.413

53, 76.441,
306.411

95, 4.337, 121.867

100, 10.459,
109.386

47, 90.308,
307.295

41, 103.034,
308.027

37, 113.409,
308.439

■ 33,120.130,
308.357

■ 33,121.898,
308.274

Harmonies

Complementary

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



74, 34.359, 303.796



90, 32.609, 120.517

Rectangle

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



74, 34.359, 303.796



74, 34.359, 353.796



74, 34.359, 123.796



74, 34.359, 173.796

Sweetspot

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



74, 34.357, 303.796



94, 10.771, 302.510



84, 16.996, 234.091



49, 7.674, 302.605



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, 34.357, 303.796



76, 44.919, 304.249



77, 37.506, 319.989



45, 7.166, 302.600



24, 100.284, 308.425



3, 36.684, 305.367

Inverse Universe

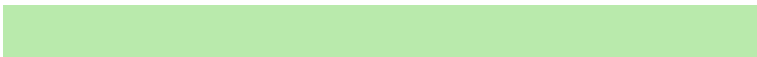
The Inverse Universe completely reimagines the original color for something new.



77, 32.007, 336.465



80, 41.408, 336.927



88, 37.049, 137.437



46, 6.823, 335.170



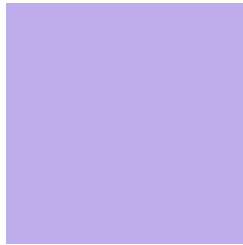
40, 71.107, 345.333



8, 31.360, 342.128

Previews

White Background



This preview shows how the CIELCh color 74, 34.359, 303.796 looks on a white background.

Color Contrast Check

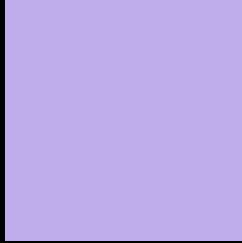
Large Text (above 18pt) WCAG AA × Fail

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, 34.359, 303.796 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, 34.359, 303.796

Background



This preview shows how black text looks on a background with the CIELCh color 74, 34.359, 303.796.



This preview shows how white text looks on a background with the CIELCh color 74, 34.359, 303.796.

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, 34.359, 303.796

Protanopia

74, 32.633, 285.442

Deuteranopia

74, 29.263, 289.094



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color
74, 34.359, 303.796

Protanomaly
74, 33.060, 292.138

Deuteranomaly
74, 30.398, 294.845

Tritanomaly
74, 17.774, 303.192

Monochromacy



Original Color
74, 34.359, 303.796

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 12.743, 302.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 34.359, 303.796 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(191, 172, 234)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 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(191, 172, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 34.359, 303.796 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(191, 172, 234) }
```

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

```
.border{ border-color:rgb(191, 172, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 172, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 234);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 34.359, 303.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 234) }
```

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

```
.background{ background-color: rgb(191,  
172, 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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