

Converting Colors

CIELCh(74, 10.372, 297.099)

Have a look what the booklet for
CIELCh(74, 10.372, 297.099)
contains.

CIELCh(74, 10.372, 297.099)	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, 10.372, 297.099)

Conversions

Conversions Part 1

Format	Color
Hex	B7B4C7
RGB	183, 180, 199
RGB Percent	72%, 71%, 78%
CMY	0.2832, 0.2950, 0.2205
CMYK	0.08, 0.10, 0.00, 0.22
HSL	249°, 14%, 74%
HSV	249°, 10%, 78%
XYZ	46.0325, 46.7039, 60.4813
YIQ	183.0630, -4.3110, 6.5450

Conversions

Conversions Part 2

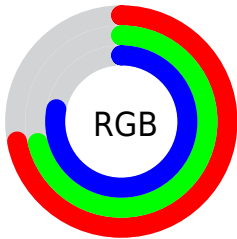
Format	Color
R _Y B	183, 180, 199
Decimal	12039367
CIE Lab	74.00, 4.72, -9.23
CIE LCh	74, 10.372, 297.099
Yxy	46.7039, 0.3004, 0.3048
Android (android.graphics.Color)	4290229447 (0xFFB7B4C7)
YUV	183.0630, 7.8569, -0.0553
Hunter-Lab	68.3403, 0.6381, -4.6336

Details

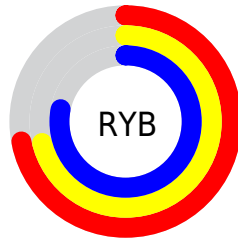
The CIELCh color $74, 10.372, 297.099$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 10.151, 115.667$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.863, 296.937$, and $54, 10.475, 297.639$ is the 20% darker color. If you saturate the color by 10%, you get $68, 21.635, 297.984$, and if you desaturate by 10%, it is $80, 0.464, 116.319$.

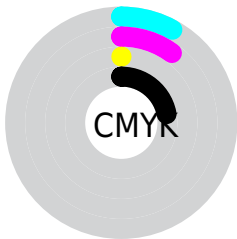
Distribution



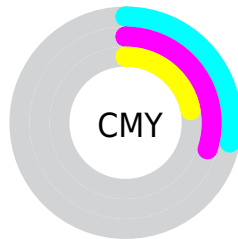
- Red (72%)
- Green (71%)
- Blue (78%)



- Red (72%)
- Yellow (71%)
- Blue (78%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 10.372, 297.099 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, 10.372, 297.099 by changing the saturation by 10% instead.

■ 74, 10.372,
297.099

■ 74, 10.372,
297.099

■ 100, 10.372,
297.099

■ 64, 10.372,
297.099

■ 94, 10.372,
297.099

■ 54, 10.372,
297.099

■ 44, 10.372,
297.099

■ 34, 10.372,
297.099

■ 24, 10.372,
297.099

■ 14, 10.372,
297.099

■ 4, 10.372, 297.099

74, 10.372,
297.099

74, 10.372,
297.099

68, 21.635,
297.984

80, 0.464, 116.319

61, 33.348,
299.010

87, 10.892,
115.670

55, 45.505,
300.181

93, 20.942,
115.106

48, 58.051,
301.491

98, 28.433,
112.018

42, 70.806,
302.902

99, 28.348,
108.024

36, 83.347,
304.327

■ 31, 94.826,
305.601

■ 28, 103.883,
306.489

■ 25, 109.600,
306.890

Harmonies

Complementary

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



74, 10.372, 297.099



79, 10.151, 115.667

Rectangle

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



74, 10.372, 297.099



74, 10.372, 347.099



74, 10.372, 117.099



74, 10.372, 167.099

Sweetspot

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



74, 10.370, 297.095



98, 3.944, 296.584



78, 5.939, 213.987



52, 2.992, 296.645



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, 10.370, 297.095



91, 14.658, 297.229



75, 11.261, 314.510



38, 6.156, 297.080



20, 94.763, 306.992



1, 21.617, 295.899

Inverse Universe

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



75, 11.150, 329.641



93, 15.728, 329.742



79, 11.154, 133.743



39, 6.620, 329.630



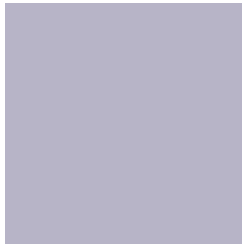
37, 73.246, 335.612



4, 23.306, 333.020

Previews

White Background



This preview shows how the CIELCh color 74, 10.372, 297.099 looks on a white background.

Color Contrast Check

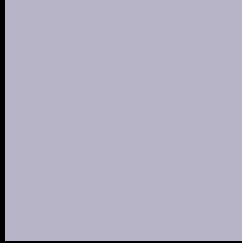
Large Text (above 18pt) WCAG AA × Fail

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, 10.372, 297.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

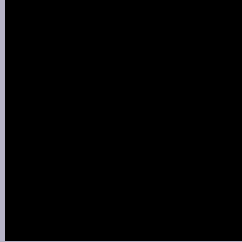
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

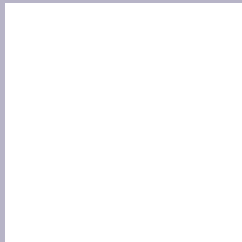
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 10.372, 297.099

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.372, 297.099.



This preview shows how white text looks on a background with the CIELCh color 74, 10.372, 297.099.

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, 10.372, 297.099

Protanopia

74, 9.751, 289.013

Deuteranopia

74, 13.020, 314.132



Tritanopia
74, 8.177, 296.020

Trichromacy



Original Color
74, 10.372, 297.099

Protanomaly
74, 9.750, 291.108

Deuteranomaly
74, 11.995, 308.707

Tritanomaly
74, 8.717, 295.745

Monochromacy



Original Color
74, 10.372, 297.099

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.816, 296.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 10.372, 297.099 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(183, 180, 199)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 199)  
}
```

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(183, 180, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.372, 297.099 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(183, 180, 199) }
```

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

```
.border{ border-color:rgb(183, 180, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 180, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 180, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 180, 199);  
box-shadow:4px 4px 4px 4px rgb(183, 180,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.372, 297.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 199) }
```

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

```
.background{ background-color: rgb(183,  
180, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor