

Converting Colors

CIELCh(74, 58.457, 318.459)

Have a look what the booklet for
CIELCh(74, 58.457, 318.459)
contains.

CIELCh(74, 58.787, 318.372)	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, 58.787, 318.372)

Conversions

Conversions Part 1

Format	Color
Hex	E39AFE
RGB	227, 154, 254
RGB Percent	89%, 60%, 100%
CMY	0.1090, 0.3953, 0.0031
CMYK	0.11, 0.39, 0.00, 0.00
HSL	284°, 98%, 80%
HSV	284°, 39%, 100%
XYZ	61.2486, 46.7039, 99.7194
YIQ	187.2270, 11.4080, 46.5760

Conversions

Conversions Part 2

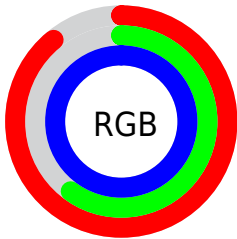
Format	Color
R _Y B	227, 154, 254
Decimal	14916350
CIE _{Lab}	74.00, 43.94, -39.05
CIE _{LCh}	74, 58.787, 318.372
Yxy	46.7039, 0.2949, 0.2249
Android (android.graphics.Color)	4293106430 (0xFFE39AFE)
YUV	187.2270, 32.9191, 34.8809
Hunter-Lab	68.3403, 40.3814, -38.6754

Details

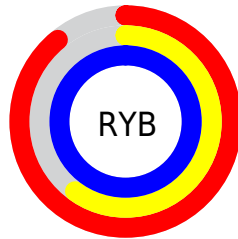
The CIELCh color $74, 58.787, 318.372$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $93, 57.302, 134.640$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 28.208, 325.407$, and $54, 58.890, 318.348$ is the 20% darker color. If you saturate the color by 10%, you get $68, 73.370, 318.746$, and if you desaturate by 10%, it is $80, 43.767, 317.949$.

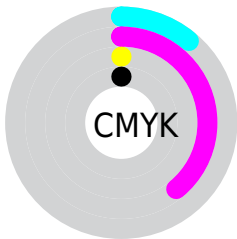
Distribution



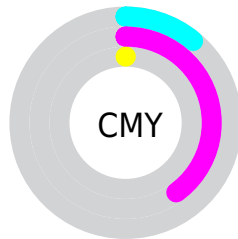
- Red (89%)
- Green (60%)
- Blue (100%)



- Red (89%)
- Yellow (60%)
- Blue (100%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (40%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 58.787, 318.372 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, 58.787, 318.372 by changing the saturation by 10% instead.


 74, 58.787,
318.372

 74, 58.787,
318.372


 100, 58.787,
318.372


 64, 58.787,
318.372


 94, 58.787,
318.372

 54, 58.787,
318.372

 44, 58.787,
318.372

 34, 58.787,
318.372

 24, 58.787,
318.372

 14, 58.787,
318.372

 4, 58.787, 318.372

■ 0, 58.787, 318.372

■ 74, 58.787,
318.372

■ 74, 58.787,
318.372

■ 68, 73.370,
318.746

■ 80, 43.767,
317.949

■ 63, 87.012,
319.030

■ 87, 28.671,
317.506

■ 58, 99.036,
319.174

■ 93, 13.722,
317.058

■ 54, 108.675,
319.115

100, 0.414,
127.099

■ 51, 115.260,
318.795

100, 0.395,
109.952

■ 49, 118.743,
318.199

■ 49,118.930,
318.157

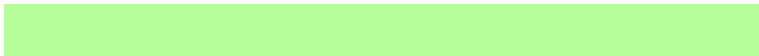
Harmonies

Complementary

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



74, 58.787, 318.372



93, 57.302, 134.640

Rectangle

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



74, 58.787, 318.372



74, 58.787, 8.372



74, 58.787, 138.372



74, 58.787, 188.372

Sweetspot

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



74, 58.785, 318.372



92, 17.715, 317.178



75, 39.275, 281.388



48, 11.765, 317.236



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, 58.785, 318.372



70, 70.194, 318.665



76, 53.682, 333.775



50, 8.373, 317.066



37, 95.941, 318.309



9, 43.896, 319.392

Inverse Universe

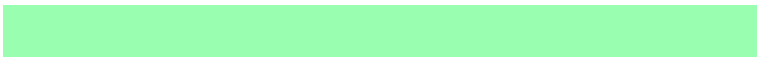
The Inverse Universe completely reimagines the original color for something new.



75, 40.621, 2.952



70, 48.892, 4.397



92, 53.475, 147.813



50, 5.585, 358.931



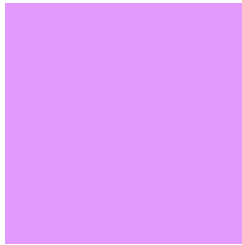
40, 71.797, 23.923



10, 31.597, 14.757

Previews

White Background



This preview shows how the CIELCh color 74, 58.787, 318.372 looks on a white background.

Color Contrast Check

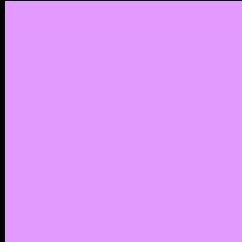
Large Text (above 18pt) WCAG AA × Fail

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, 58.787, 318.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

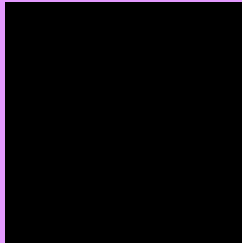
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 58.787, 318.372

Background



This preview shows how black text looks on a background with the CIELCh color 74, 58.787, 318.372.



This preview shows how white text looks on a background with the CIELCh color 74, 58.787, 318.372.

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, 58.787, 318.372

Protanopia
74, 40.840, 284.696

Deuteranopia
74, 37.536, 285.225



Tritanopia
74, 19.738, 358.830

Trichromacy



Original Color
74, 58.787, 318.372



Protanomaly
74, 45.815, 298.962



Deuteranomaly
74, 43.767, 300.297

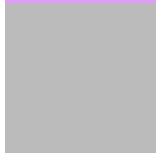


Tritanomaly
74, 31.788, 332.562

Monochromacy



Original Color
74, 58.787, 318.372



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 21.807, 318.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 58.787, 318.372 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(227, 154, 254)` looks like.

```
.text, #text, p{  
    color:rgb(227, 154, 254)  
}
```

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(227, 154, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 154, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 58.787, 318.372 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(227, 154, 254) }
```

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

```
.border{ border-color:rgb(227, 154, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 154, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 154, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 154, 254); box-shadow:4px 4px 4px 4px rgb(227, 154, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 58.787, 318.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 154, 254) }
```

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

```
.background{ background-color: rgb(227,  
154, 254) }
```

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