

Converting Colors

CIELCh(72, 74.577, 328.032)

Have a look what the booklet for
CIELCh(72, 74.577, 328.032)
contains.

CIELCh(72, 74.738, 327.974)	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(72, 74.738, 327.974)

Conversions

Conversions Part 1

Format	Color
Hex	FE81FA
RGB	254, 129, 250
RGB Percent	100%, 51%, 98%
CMY	0.0040, 0.4942, 0.0197
CMYK	0.00, 0.49, 0.02, 0.00
HSL	302°, 98%, 75%
HSV	302°, 49%, 100%
XYZ	65.9599, 43.6590, 95.3696
YIQ	180.1690, 35.6590, 64.1310

Conversions

Conversions Part 2

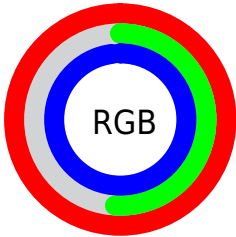
Format	Color
RYB	254, 129, 250
Decimal	16679418
CIELab	72.00, 63.36, -39.63
CIELCh	72, 74.738, 327.974
Yxy	43.6590, 0.3218, 0.2130
Android (android.graphics.Color)	4294869498 (0xFFFE81FA)
YUV	180.1690, 34.4267, 64.7498
Hunter-Lab	66.0750, 62.5578, -39.3240

Details

The CIELCh color **72, 74.738, 327.974** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90, 75.182, 141.194**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.248, 325.923**, and **52, 74.568, 328.030** is the 20% darker color. If you saturate the color by 10%, you get **68, 87.333, 328.426**, and if you desaturate by 10%, it is **77, 60.600, 327.472**.

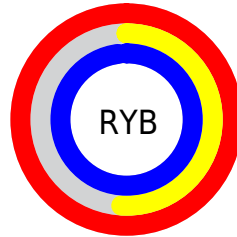
Distribution



Red (100%)

Green (51%)

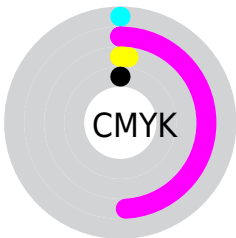
Blue (98%)



Red (100%)

Yellow (51%)

Blue (98%)

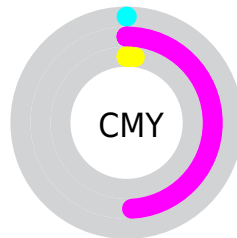


Cyan (0%)

Magenta (49%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 74.738, 327.974 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 72, 74.738, 327.974 by changing the saturation by 10% instead.


 72, 74.738,
327.974


 72, 74.738,
327.974


 100, 74.738,
327.974


 62, 74.738,
327.974


 92, 74.738,
327.974

 52, 74.738,
327.974

 42, 74.738,
327.974

 32, 74.738,
327.974

 22, 74.738,
327.974

 12, 74.738,
327.974

 2, 74.738, 327.974

■ 0, 74.738, 327.974

■ 72, 74.738,
327.974

■ 72, 74.738,
327.974

■ 68, 87.333,
328.426

■ 77, 60.600,
327.472

■ 64, 97.762,
328.814

■ 82, 45.518,
326.934

■ 62, 105.478,
329.131

■ 88, 29.970,
326.374

■ 60, 110.197,
329.375

■ 94, 14.315,
325.800

■ 60, 112.197,
329.559

■ 100, 0.600,
146.675

■ 60, 112.307,
329.572

■ 100, 0.364,
189.065

100, 0.357,
201.240

Harmonies

Complementary

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



72, 74.738, 327.974



90, 75.182, 141.194

Rectangle

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



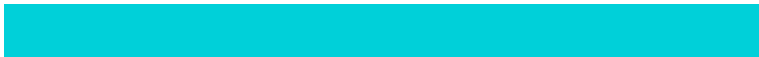
72, 74.738, 327.974



72, 74.738, 17.974



72, 74.738, 147.974



72, 74.738, 197.974

Sweetspot

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



72, 74.735, 327.974



91, 23.444, 326.134



60, 70.405, 297.839



47, 16.006, 326.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 74.735, 327.974



68, 87.364, 328.417



70, 54.996, 350.018



50, 8.862, 325.817



45, 90.773, 329.549



12, 41.887, 329.386

Inverse Universe

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



72, 74.735, 327.974



68, 87.364, 328.417



91, 51.805, 159.284



50, 8.862, 325.817



45, 90.773, 329.549



12, 41.887, 329.386

Previews

White Background



This preview shows how the CIELCh color 72, 74.738, 327.974 looks on a white background.

Color Contrast Check

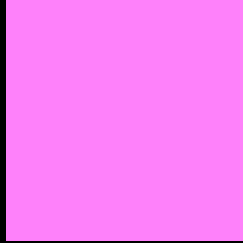
Large Text (above 18pt) WCAG AA × Fail

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 72, 74.738, 327.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

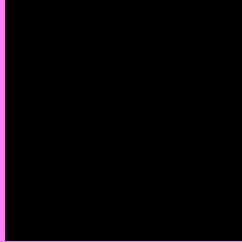
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 74.738, 327.974

Background



This preview shows how black text looks on a background with the CIELCh color 72, 74.738, 327.974.

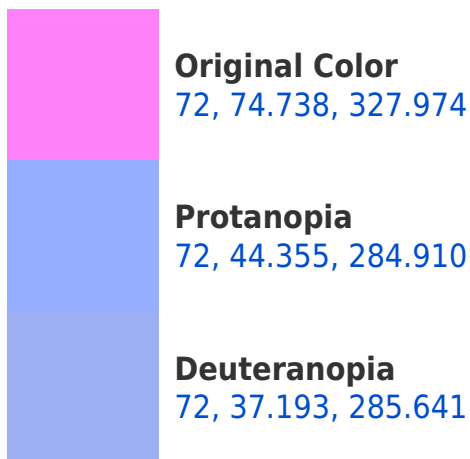


This preview shows how white text looks on a background with the CIELCh color 72, 74.738, 327.974.

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
72, 37.345, 14.171

Trichromacy



Original Color
72, 74.738, 327.974



Protanomaly
71, 52.840, 304.677



Deuteranomaly
71, 48.916, 307.284



Tritanomaly
72, 46.834, 348.872

Monochromacy



Original Color
72, 74.738, 327.974



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 29.141, 326.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 74.738, 327.974 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(254, 129, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 129, 250)  
}
```

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(254, 129, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 129, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 74.738, 327.974 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(254, 129, 250) }
```

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

```
.border{ border-color:rgb(254, 129, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 129, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 129, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 129, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 129,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 74.738, 327.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 129, 250) }
```

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

```
.background{ background-color: rgb(254,  
129, 250) }
```

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