

Converting Colors

CIELCh(72, 72.907, 330.008)

Have a look what the booklet for
CIELCh(72, 72.907, 330.008)
contains.

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Color

CIELCh(72, 72.513, 329.743)

Conversions

Conversions Part 1

Format	Color
Hex	FF81F4
RGB	255, 129, 244
RGB Percent	100%, 51%, 96%
CMY	0.0000, 0.4929, 0.0419
CMYK	0.00, 0.49, 0.04, 0.00
HSL	305°, 100%, 75%
HSV	305°, 49%, 100%
XYZ	65.6347, 43.6590, 90.8150
YIQ	179.7840, 38.1810, 62.4770

Conversions

Conversions Part 2

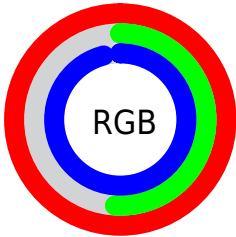
Format	Color
R _Y B	255, 129, 244
Decimal	16744948
CIE Lab	72.00, 62.63, -36.54
CIE LCh	72, 72.513, 329.743
Yxy	43.6590, 0.3280, 0.2182
Android (android.graphics.Color)	4294935028 (0xFFFF81F4)
YUV	179.7840, 31.6585, 65.9644
Hunter-Lab	66.0750, 61.6794, -35.2371

Details

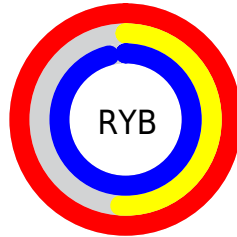
The CIELCh color **72, 72.513, 329.743** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 72.916, 142.606**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.248, 325.923**, and **52, 72.249, 329.905** is the 20% darker color. If you saturate the color by 10%, you get **68, 84.648, 330.188**, and if you desaturate by 10%, it is **77, 58.774, 329.098**.

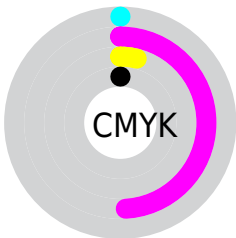
Distribution



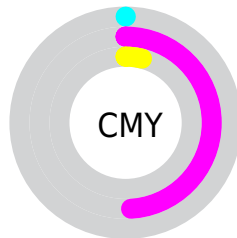
- Red (100%)
- Green (51%)
- Blue (96%)



- Red (100%)
- Yellow (51%)
- Blue (96%)



- Cyan (0%)
- Magenta (49%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (49%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 72.513, 329.743 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, 72.513, 329.743 by changing the saturation by 10% instead.


 72, 72.513,
329.743


 72, 72.513,
329.743


 100, 72.513,
329.743


 62, 72.513,
329.743


 92, 72.513,
329.743

 52, 72.513,
329.743

 42, 72.513,
329.743

 32, 72.513,
329.743

 22, 72.513,
329.743

 12, 72.513,
329.743

 2, 72.513, 329.743

0, 72.513, 329.743

72, 72.513,
329.743

72, 72.513,
329.743

68, 84.648,
330.188

77, 58.774,
329.098

64, 94.684,
330.683

82, 44.164,
328.518

62, 102.013,
331.140

88, 29.108,
327.929

60, 106.330,
331.568

94, 13.956,
327.332

59, 107.905,
331.981

100, 0.012,
296.813

59, 107.975,
332.010

Harmonies

Complementary

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



72, 72.513, 329.743



91, 72.916, 142.606

Rectangle

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



72, 72.513, 329.743



72, 72.513, 19.743



72, 72.513, 149.743



72, 72.513, 199.743

Sweetspot

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



72, 72.465, 329.658



91, 22.609, 327.674



60, 70.714, 299.560



47, 15.437, 327.800



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, 72.465, 329.658



68, 84.326, 330.173



70, 53.585, 354.378



50, 8.546, 327.345



45, 87.069, 331.940



12, 40.379, 331.457

Inverse Universe

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



72, 72.465, 329.658



68, 84.326, 330.173



92, 49.123, 162.995



50, 8.546, 327.345



45, 87.069, 331.940



12, 40.379, 331.457

Previews

White Background



This preview shows how the CIELCh color 72, 72.513, 329.743 looks on a white background.

Color Contrast Check

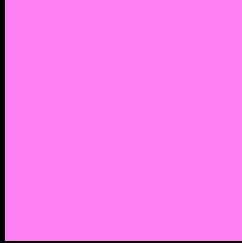
Large Text (above 18pt) WCAG AA × Fail

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, 72.513, 329.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

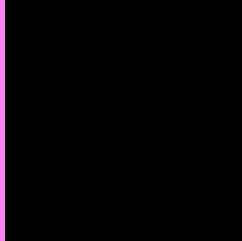
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 72.513, 329.743

Background



This preview shows how black text looks on a background with the CIELCh color 72, 72.513, 329.743.

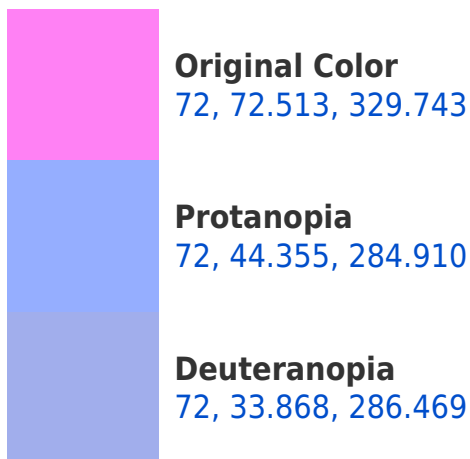


This preview shows how white text looks on a background with the CIELCh color 72, 72.513, 329.743.

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, 38.579, 14.616

Trichromacy



Original Color
72, 72.513, 329.743



Protanomaly
71, 51.835, 305.191



Deuteranomaly
71, 46.017, 309.337



Tritanomaly
72, 46.957, 350.658

Monochromacy



Original Color
72, 72.513, 329.743



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 27.636, 328.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 72.513, 329.743 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(255, 129, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 244)  
}
```

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(255, 129, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 72.513, 329.743 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(255, 129, 244) }
```

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

```
.border{ border-color:rgb(255, 129, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 129, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 129, 244); box-shadow:4px 4px 4px 4px rgb(255, 129, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 72.513, 329.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 244) }
```

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

```
.background{ background-color: rgb(255,  
129, 244) }
```

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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