

Converting Colors

CIELCh(69, 82.117, 330.015)

Have a look what the booklet for
CIELCh(69, 82.117, 330.015)
contains.

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Color

CIELCh(69, 81.874, 329.752)

Conversions

Conversions Part 1

Format	Color
Hex	FF6FF4
RGB	255, 111, 244
RGB Percent	100%, 44%, 96%
CMY	0.0000, 0.5632, 0.0416
CMYK	0.00, 0.56, 0.04, 0.00
HSL	304°, 100%, 72%
HSV	304°, 56%, 100%
XYZ	63.5024, 39.3444, 90.1413
YIQ	169.2180, 43.1310, 71.8910

Conversions

Conversions Part 2

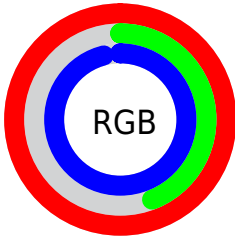
Format	Color
R _Y B	255, 111, 244
Decimal	16740340
CIE _{Lab}	69.00, 70.73, -41.24
CIE _{LCh}	69, 81.874, 329.752
Y _{xy}	39.3444, 0.3290, 0.2039
Android (android.graphics.Color)	4294930420 (0xFFFF6FF4)
Y _{UV}	169.2180, 36.8675, 75.2308
Hunter-Lab	62.7251, 70.9430, -41.2972

Details

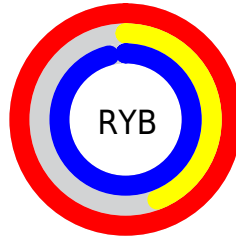
The CIELCh color **69, 81.874, 329.752** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 82.778, 141.446**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **80, 53.712, 326.276**, and **49, 81.640, 329.765** is the 20% darker color. If you saturate the color by 10%, you get **65, 92.651, 330.145**, and if you desaturate by 10%, it is **73, 69.038, 329.137**.

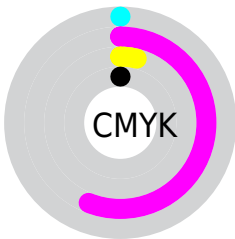
Distribution



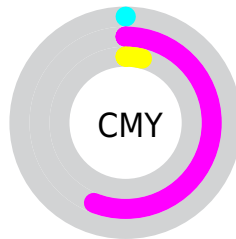
- Red (100%)
- Green (44%)
- Blue (96%)



- Red (100%)
- Yellow (44%)
- Blue (96%)



- Cyan (0%)
- Magenta (56%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (56%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 81.874, 329.752 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 69, 81.874, 329.752 by changing the saturation by 10% instead.


 69, 81.874,
329.752


 69, 81.874,
329.752


 100, 81.874,
329.752


 59, 81.874,
329.752


 89, 81.874,
329.752

 49, 81.874,
329.752

 99, 81.874,
329.752

 39, 81.874,
329.752

 29, 81.874,
329.752

 19, 81.874,
329.752

 9, 81.874, 329.752

 0, 81.874, 329.752

69, 81.874,
329.752

69, 81.874,
329.752

65, 92.651,
330.145

73, 69.038,
329.137

62, 100.911,
330.584

78, 54.916,
328.582

60, 106.209,
330.981

84, 40.022,
328.007

59, 108.542,
331.348

90, 24.794,
327.422

59, 108.931,
331.479

96, 9.550, 326.823

100, 0.012,
296.813

Harmonies

Complementary

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



69, 81.874, 329.752



90, 82.778, 141.446

Rectangle

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



69, 81.874, 329.752



69, 81.874, 19.752



69, 81.874, 149.752



69, 81.874, 199.752

Sweetspot

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



69, 81.827, 329.661



89, 25.837, 327.462



55, 81.843, 300.401



46, 17.291, 327.580



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 81.827, 329.661



65, 94.235, 330.222



66, 60.960, 354.567



50, 8.611, 327.018



45, 87.826, 331.419



12, 40.688, 331.008

Inverse Universe

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



69, 81.827, 329.661



65, 94.235, 330.222



91, 55.967, 160.981



50, 8.611, 327.018



45, 87.826, 331.419



12, 40.688, 331.008

Previews

White Background



This preview shows how the CIELCh color 69, 81.874, 329.752 looks on a white background.

Color Contrast Check

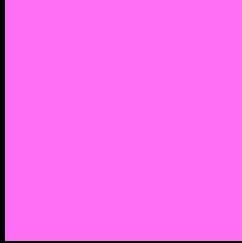
Large Text (above 18pt) WCAG AA × Fail

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 69, 81.874, 329.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

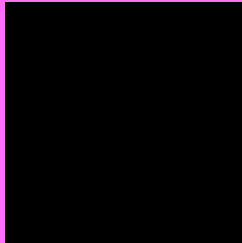
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 81.874, 329.752

Background



This preview shows how black text looks on a background with the CIELCh color 69, 81.874, 329.752.



This preview shows how white text looks on a background with the CIELCh color 69, 81.874, 329.752.

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
69, 81.874, 329.752

Protanopia
69, 49.121, 285.093

Deuteranopia
69, 37.601, 284.077



Tritanopia
69, 43.574, 17.088

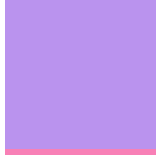
Trichromacy



Original Color
69, 81.874, 329.752



Protanomaly
67, 58.904, 305.334



Deuteranomaly
68, 51.828, 308.688



Tritanomaly
69, 52.252, 352.005

Monochromacy



Original Color
69, 81.874, 329.752



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 32.401, 328.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 81.874, 329.752 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, 111, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 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, 111, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 81.874, 329.752 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, 111, 244) }
```

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

```
.border{ border-color:rgb(255, 111, 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, 111, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 81.874, 329.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 244) }
```

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

```
.background{ background-color: rgb(255,  
111, 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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