

Converting Colors

CIELCh(69, 81.950, 324.679)

Have a look what the booklet for
CIELCh(69, 81.950, 324.679)
contains.

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Color

CIELCh(69, 81.624, 324.763)

Conversions

Conversions Part 1

Format	Color
Hex	F476FF
RGB	244, 118, 255
RGB Percent	96%, 46%, 100%
CMY	0.0437, 0.5378, 0.0005
CMYK	0.04, 0.54, 0.00, 0.00
HSL	295°, 100%, 73%
HSV	295°, 54%, 100%
XYZ	61.7497, 39.3444, 98.8308
YIQ	171.2920, 31.1190, 69.3190

Conversions

Conversions Part 2

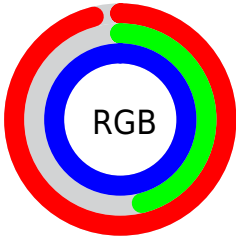
Format	Color
R _Y B	244, 118, 255
Decimal	16021247
CIE Lab	69.00, 66.67, -47.09
CIE LCh	69, 81.624, 324.763
Yxy	39.3444, 0.3089, 0.1968
Android (android.graphics.Color)	4294211327 (0xFFFF476FF)
YUV	171.2920, 41.2680, 63.7649
Hunter-Lab	62.7251, 65.9554, -49.5108

Details

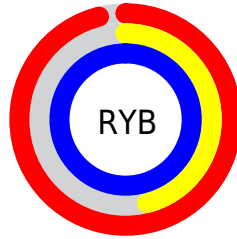
The CIELCh color **69, 81.624, 324.763** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **91, 81.493, 138.312**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 50.046, 326.153**, and **49, 81.883, 324.718** is the 20% darker color. If you saturate the color by 10%, you get **65, 93.887, 325.059**, and if you desaturate by 10%, it is **74, 67.677, 324.378**.

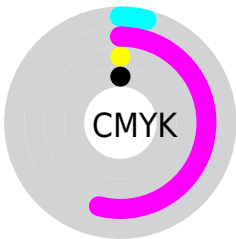
Distribution



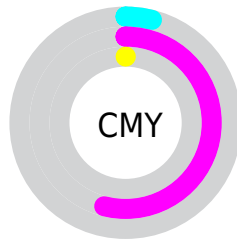
- Red (96%)
- Green (46%)
- Blue (100%)



- Red (96%)
- Yellow (46%)
- Blue (100%)



- Cyan (4%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (54%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 81.624, 324.763 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, 81.624, 324.763 by changing the saturation by 10% instead.

 69, 81.624,
324.763


 69, 81.624,
324.763


 100, 81.624,
324.763


 59, 81.624,
324.763


 89, 81.624,
324.763

 49, 81.624,
324.763

 99, 81.624,
324.763

 39, 81.624,
324.763

 29, 81.624,
324.763

 19, 81.624,
324.763

 9, 81.624, 324.763

 0, 81.624, 324.763

69, 81.624,
324.763

69, 81.624,
324.763

65, 93.887,
325.059

74, 67.677,
324.378

61, 103.817,
325.240

79, 52.677,
323.932

59, 110.875,
325.282

85, 37.131,
323.447

57, 114.857,
325.173

91, 21.419,
322.941

57, 116.107,
325.043

98, 5.805, 322.403

100, 0.058,
108.846

Harmonies

Complementary

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



69, 81.624, 324.763



91, 81.493, 138.312

Rectangle

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



69, 81.624, 324.763



69, 81.624, 14.763



69, 81.624, 144.763



69, 81.624, 194.763

Sweetspot

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



69, 81.621, 324.763



90, 24.963, 323.056



59, 70.830, 295.276



47, 16.869, 323.161



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, 81.621, 324.763



64, 95.309, 325.089



68, 63.013, 344.703



50, 8.836, 322.722



43, 93.544, 325.097



11, 43.001, 325.467

Inverse Universe

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



66, 56.579, 20.295



61, 69.346, 23.530



91, 61.254, 153.752



50, 5.274, 13.458



40, 80.883, 36.894



10, 32.739, 23.930

Previews

White Background



This preview shows how the CIELCh color 69, 81.624, 324.763 looks on a white background.

Color Contrast Check

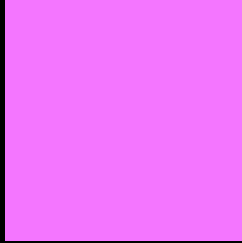
Large Text (above 18pt) WCAG AA × Fail

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, 81.624, 324.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

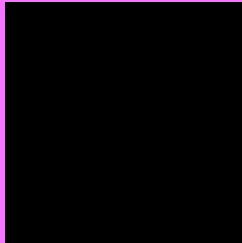
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 81.624, 324.763

Background



This preview shows how black text looks on a background with the CIELCh color 69, 81.624, 324.763.

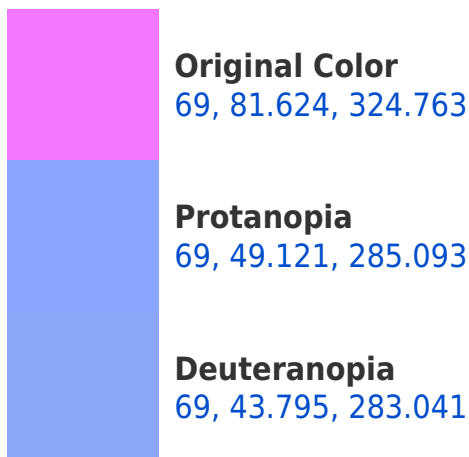


This preview shows how white text looks on a background with the CIELCh color 69, 81.624, 324.763.

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
69, 35.213, 14.303

Trichromacy



Original Color
69, 81.624, 324.763



Protanomaly
68, 59.648, 303.432



Deuteranomaly
68, 55.884, 303.795



Tritanomaly
68, 47.800, 344.699

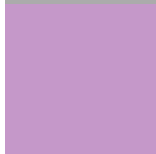
Monochromacy



Original Color
69, 81.624, 324.763



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 31.421, 323.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 81.624, 324.763 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(244, 118, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 118, 255)  
}
```

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(244, 118, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 118, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 81.624, 324.763 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(244, 118, 255) }
```

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

```
.border{ border-color:rgb(244, 118, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 118, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 118, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 118, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 118,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 81.624, 324.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 118, 255) }
```

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

```
.background{ background-color: rgb(244,  
118, 255) }
```

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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