

Converting Colors

CIELCh(69, 83.216, 329.346)

Have a look what the booklet for
CIELCh(69, 83.216, 329.346)
contains.

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Color

CIELCh(69, 83.515, 329.067)

Conversions

Conversions Part 1

Format	Color
Hex	FF6EF7
RGB	255, 110, 247
RGB Percent	100%, 43%, 97%
CMY	0.0000, 0.5668, 0.0296
CMYK	0.00, 0.57, 0.03, 0.00
HSL	303°, 100%, 72%
HSV	303°, 57%, 100%
XYZ	63.8996, 39.3444, 92.5912
YIQ	168.9730, 42.4430, 73.3470

Conversions

Conversions Part 2

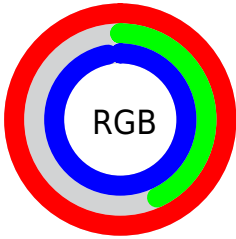
Format	Color
R _Y B	255, 110, 247
Decimal	16740087
CIE Lab	69.00, 71.64, -42.93
CIE LCh	69, 83.515, 329.067
Yxy	39.3444, 0.3263, 0.2009
Android (android.graphics.Color)	4294930167 (0xFFFF6EF7)
YUV	168.9730, 38.4673, 75.4457
Hunter-Lab	62.7251, 72.0733, -43.6129

Details

The CIELCh color **69, 83.515, 329.067** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 84.418, 140.830**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **80, 54.319, 326.296**, and **49, 83.479, 329.052** is the 20% darker color. If you saturate the color by 10%, you get **65, 94.373, 329.403**, and if you desaturate by 10%, it is **73, 70.550, 328.469**.

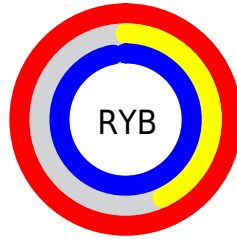
Distribution



Red (100%)

Green (43%)

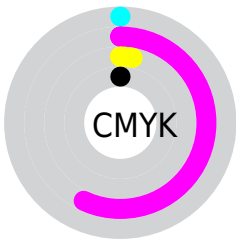
Blue (97%)



Red (100%)

Yellow (43%)

Blue (97%)

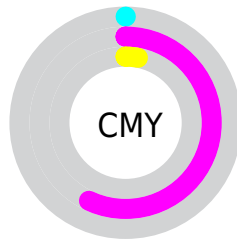


Cyan (0%)

Magenta (57%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 83.515, 329.067 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, 83.515, 329.067 by changing the saturation by 10% instead.


 69, 83.515,
329.067


 69, 83.515,
329.067


 100, 83.515,
329.067


 59, 83.515,
329.067


 89, 83.515,
329.067

 49, 83.515,
329.067


 99, 83.515,
329.067

 39, 83.515,
329.067

 29, 83.515,
329.067

 19, 83.515,
329.067

 9, 83.515, 329.067

 0, 83.515, 329.067

69, 83.515,
329.067

69, 83.515,
329.067

65, 94.373,
329.403

73, 70.550,
328.469

63, 102.689,
329.785

78, 56.265,
327.937

61, 108.034,
330.109

84, 41.176,
327.379

60, 110.437,
330.383

90, 25.731,
326.805

60, 110.844,
330.469

96, 10.255,
326.217

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, 83.515, 329.067



90, 84.418, 140.830

Rectangle

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



69, 83.515, 329.067



69, 83.515, 19.067



69, 83.515, 149.067



69, 83.515, 199.067

Sweetspot

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



69, 83.464, 328.961



90, 26.225, 326.824



54, 82.454, 300.097



46, 17.550, 326.940



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, 83.464, 328.961



65, 95.629, 329.457



66, 61.720, 353.500



50, 8.741, 326.386



45, 89.342, 330.428



12, 41.305, 330.151

Inverse Universe

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



69, 83.464, 328.961



65, 95.629, 329.457



91, 57.126, 159.981



50, 8.741, 326.386



45, 89.342, 330.428



12, 41.305, 330.151

Previews

White Background



This preview shows how the CIELCh color 69, 83.515, 329.067 looks on a white background.

Color Contrast Check

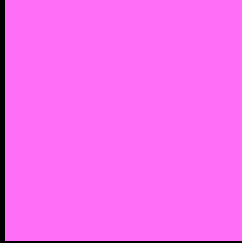
Large Text (above 18pt) WCAG AA × Fail

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, 83.515, 329.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

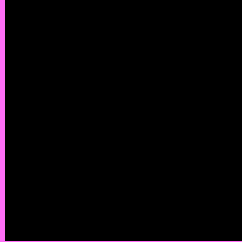
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 83.515, 329.067

Background



This preview shows how black text looks on a background with the CIELCh color 69, 83.515, 329.067.

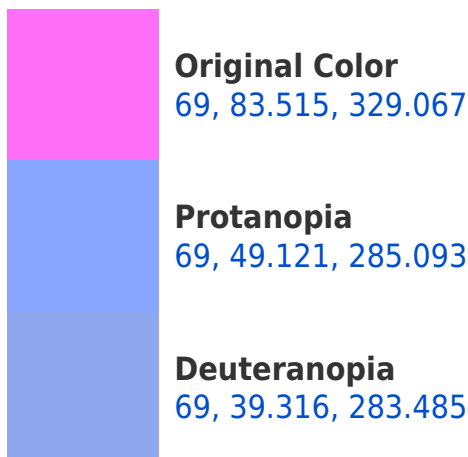


This preview shows how white text looks on a background with the CIELCh color 69, 83.515, 329.067.

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, 43.172, 16.974

Trichromacy



Original Color
69, 83.515, 329.067



Protanomaly
67, 59.429, 305.263



Deuteranomaly
67, 53.898, 307.851



Tritanomaly
68, 52.910, 350.432

Monochromacy



Original Color
69, 83.515, 329.067



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 33.258, 326.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 83.515, 329.067 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, 110, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 247)  
}
```

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, 110, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 83.515, 329.067 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, 110, 247) }
```

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

```
.border{ border-color:rgb(255, 110, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 83.515, 329.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 247) }
```

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

```
.background{ background-color: rgb(255,  
110, 247) }
```

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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