

Converting Colors

CIELCh(69, 85.719, 327.319)

Have a look what the booklet for
CIELCh(69, 85.719, 327.319)
contains.

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Color

CIELCh(69, 86.065, 327.127)

Conversions

Conversions Part 1

Format	Color
Hex	FD6EFE
RGB	253, 110, 254
RGB Percent	99%, 43%, 100%
CMY	0.0065, 0.5673, 0.0026
CMYK	0.00, 0.57, 0.00, 0.00
HSL	300°, 99%, 72%
HSV	300°, 57%, 100%
XYZ	64.1833, 39.3444, 98.2508
YIQ	169.1730, 39.0040, 75.1000

Conversions

Conversions Part 2

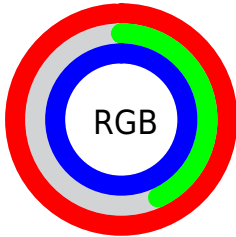
Format	Color
R _Y B	253, 110, 254
Decimal	16609022
CIE _{Lab}	69.00, 72.28, -46.71
CIE _{LCh}	69, 86.065, 327.127
Y _{xy}	39.3444, 0.3181, 0.1950
Android (android.graphics.Color)	4294799102 (0xFFFD6EFE)
YUV	169.1730, 41.8197, 73.5163
Hunter-Lab	62.7251, 72.8807, -48.9626

Details

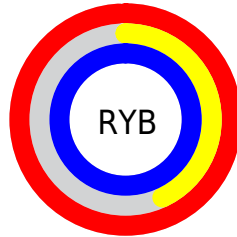
The CIELCh color **69, 86.065, 327.127** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 86.784, 139.423**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **80, 54.319, 326.296**, and **49, 86.184, 327.017** is the 20% darker color. If you saturate the color by 10%, you get **65, 97.409, 327.473**, and if you desaturate by 10%, it is **73, 72.698, 326.705**.

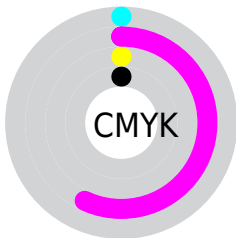
Distribution



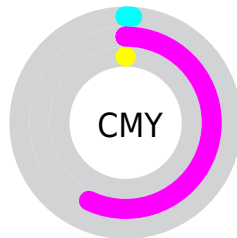
- Red (99%)
- Green (43%)
- Blue (100%)



- Red (99%)
- Yellow (43%)
- Blue (100%)



- Cyan (0%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 86.065, 327.127 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, 86.065, 327.127 by changing the saturation by 10% instead.

 69, 86.065,
327.127


 69, 86.065,
327.127


 100, 86.065,
327.127


 59, 86.065,
327.127


 89, 86.065,
327.127

 49, 86.065,
327.127

 99, 86.065,
327.127

 39, 86.065,
327.127

 29, 86.065,
327.127

 19, 86.065,
327.127

 9, 86.065, 327.127

 0, 86.065, 327.127

69, 86.065,
327.127

69, 86.065,
327.127

65, 97.409,
327.473

73, 72.698,
326.705

63, 106.157,
327.727

78, 57.947,
326.225

61, 111.941,
327.884

84, 42.378,
325.705

60, 114.800,
327.947

90, 26.445,
325.160

60, 115.367,
327.956

96, 10.480,
324.593

100, 0.396,
142.771

100, 0.366,
134.786

100, 0.344,

125.589

100, 0.332,
115.450

Harmonies

Complementary

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



69, 86.065, 327.127



90, 86.784, 139.423

Rectangle

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



69, 86.065, 327.127



69, 86.065, 17.127



69, 86.065, 147.127



69, 86.065, 197.127

Sweetspot

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



69, 86.062, 327.127



90, 27.113, 325.181



54, 80.806, 298.438



46, 18.144, 325.292



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, 86.062, 327.127



65, 98.991, 327.514



66, 63.449, 349.125



50, 9.037, 324.761



45, 93.108, 327.961



12, 42.833, 327.993

Inverse Universe

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



65, 61.310, 26.309



60, 75.222, 29.617



91, 60.436, 156.473



49, 5.253, 19.389



40, 83.912, 39.727



10, 33.310, 26.904

Previews

White Background



This preview shows how the CIELCh color 69, 86.065, 327.127 looks on a white background.

Color Contrast Check

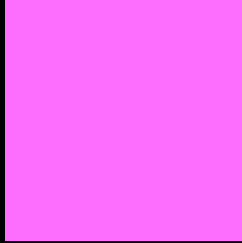
Large Text (above 18pt) WCAG AA × Fail

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, 86.065, 327.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

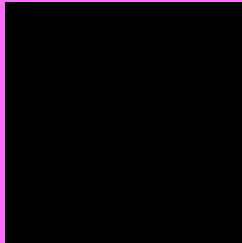
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 86.065, 327.127

Background



This preview shows how black text looks on a background with the CIELCh color 69, 86.065, 327.127.

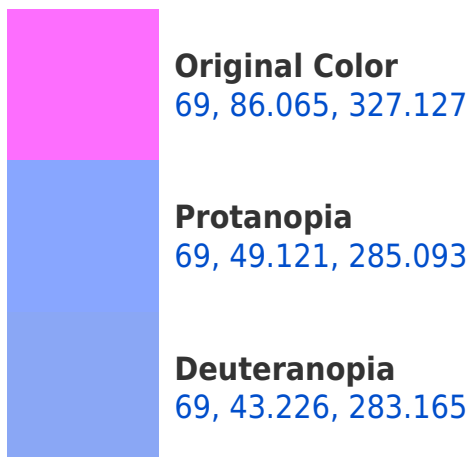


This preview shows how white text looks on a background with the CIELCh color 69, 86.065, 327.127.

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, 41.877, 15.857

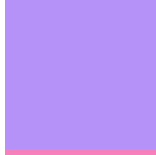
Trichromacy



Original Color
69, 86.065, 327.127



Protanomaly
68, 61.004, 305.061



Deuteranomaly
67, 57.367, 305.869



Tritanomaly
68, 52.506, 348.488

Monochromacy



Original Color
69, 86.065, 327.127



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 34.571, 325.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 86.065, 327.127 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(253, 110, 254)` looks like.

```
.text, #text, p{  
    color:rgb(253, 110, 254)  
}
```

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(253, 110, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 110, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 86.065, 327.127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

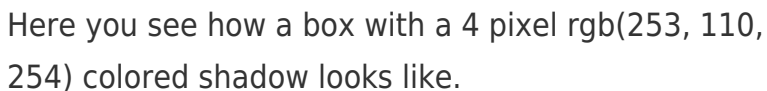
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 110, 254) }
```

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

```
.border{ border-color:rgb(253, 110, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 110, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 110, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 110, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 110,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 86.065, 327.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 110, 254) }
```

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

```
.background{ background-color: rgb(253,  
110, 254) }
```

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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