

Converting Colors

CIELCh(69, 85.902, 327.325)

Have a look what the booklet for
CIELCh(69, 85.902, 327.325)
contains.

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Color

CIELCh(69, 86.152, 327.341)

Conversions

Conversions Part 1

Format	Color
Hex	FE6EFE
RGB	254, 110, 254
RGB Percent	100%, 43%, 100%
CMY	0.0042, 0.5689, 0.0042
CMYK	0.00, 0.57, 0.00, 0.00
HSL	300°, 99%, 71%
HSV	300°, 57%, 100%
XYZ	64.2919, 39.3444, 97.9106
YIQ	169.4720, 39.6000, 75.3120

Conversions

Conversions Part 2

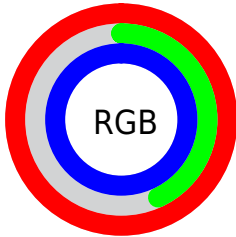
Format	Color
RYB	254, 110, 254
Decimal	16674558
CIELab	69.00, 72.53, -46.49
CIElCh	69, 86.152, 327.341
Yxy	39.3444, 0.3190, 0.1952
Android (android.graphics.Color)	4294864638 (0xFFFE6EFE)
YUV	169.4720, 41.6723, 74.1311
Hunter-Lab	62.7251, 73.1897, -48.6410

Details

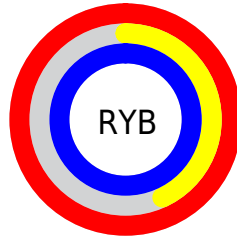
The CIELCh color **69, 86.152, 327.341** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 86.937, 139.533**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **80, 54.319, 326.296**, and **49, 86.208, 327.240** is the 20% darker color. If you saturate the color by 10%, you get **65, 97.436, 327.694**, and if you desaturate by 10%, it is **73, 72.828, 326.914**.

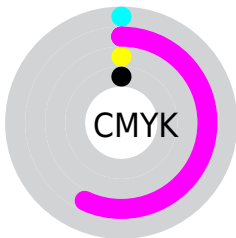
Distribution



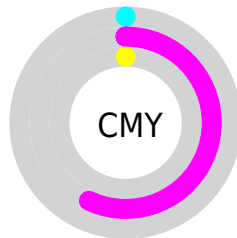
- Red (100%)
- Green (43%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 86.152, 327.341 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, 86.152, 327.341 by changing the saturation by 10% instead.


 69, 86.152,
327.341


 69, 86.152,
327.341


 100, 86.152,
327.341


 59, 86.152,
327.341


 89, 86.152,
327.341

 49, 86.152,
327.341

 99, 86.152,
327.341

 39, 86.152,
327.341

 29, 86.152,
327.341

 19, 86.152,
327.341

 9, 86.152, 327.341

 0, 86.152, 327.341

69, 86.152,
327.341

69, 86.152,
327.341

65, 97.436,
327.694

73, 72.828,
326.914

63, 106.116,
327.960

78, 58.103,
326.429

61, 111.837,
328.132

84, 42.543,
325.904

60, 114.651,
328.216

89, 26.606,
325.354

60, 115.199,
328.232

95, 10.629,
324.783

100, 0.654,
144.891

100, 0.654,
144.889

100, 0.654,

144.887

100, 0.654,
144.884

Harmonies

Complementary

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



69, 86.152, 327.341



90, 86.937, 139.533

Rectangle

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



69, 86.152, 327.341



69, 86.152, 17.341



69, 86.152, 147.341



69, 86.152, 197.341

Sweetspot

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



69, 86.149, 327.341



90, 27.169, 325.371



54, 80.841, 298.457



46, 18.181, 325.482



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, 86.149, 327.341



65, 99.047, 327.734



66, 63.453, 349.139



50, 9.057, 324.947



45, 93.083, 328.232



12, 42.823, 328.232

Inverse Universe

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



64, 61.513, 26.806



60, 75.493, 30.066



91, 60.441, 156.460



49, 5.254, 19.943



40, 84.229, 40.000



10, 33.367, 27.176

Previews

White Background



This preview shows how the CIELCh color 69, 86.152, 327.341 looks on a white background.

Color Contrast Check

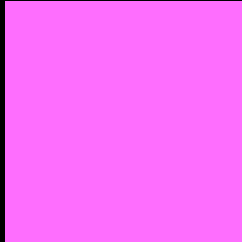
Large Text (above 18pt) WCAG AA × Fail

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, 86.152, 327.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

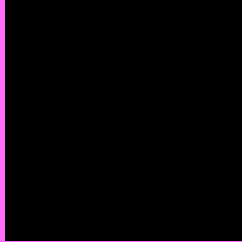
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 86.152, 327.341

Background



This preview shows how black text looks on a background with the CIELCh color 69, 86.152, 327.341.

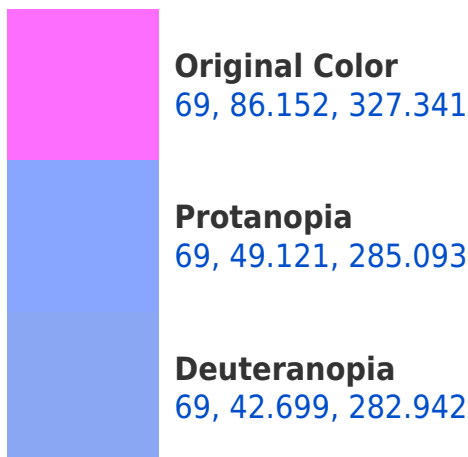


This preview shows how white text looks on a background with the CIELCh color 69, 86.152, 327.341.

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, 41.916, 16.592

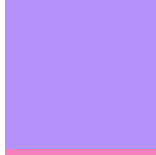
Trichromacy



Original Color
69, 86.152, 327.341



Protanomaly
68, 61.004, 305.061



Deuteranomaly
67, 57.367, 305.869



Tritanomaly
68, 52.779, 348.781

Monochromacy



Original Color
69, 86.152, 327.341



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 34.130, 325.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 86.152, 327.341 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(254, 110, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 110, 254) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 69, 86.152, 327.341 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(254, 110, 254) }
```

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

```
.border{ border-color:rgb(254, 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(254, 110, 254) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 69, 86.152, 327.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(254,  
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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