

Converting Colors

CIELCh(81, 114.311, 328.195)

Have a look what the booklet for
CIELCh(81, 114.311, 328.195)
contains.

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Color

CIELCh(69, 86.635, 327.348)

Conversions

Conversions Part 1

Format	Color
Hex	FE6DFE
RGB	254, 109, 254
RGB Percent	100%, 43%, 100%
CMY	0.0025, 0.5710, 0.0024
CMYK	0.00, 0.57, 0.00, 0.00
HSL	300°, 99%, 71%
HSV	300°, 57%, 100%
XYZ	64.4733, 39.3444, 98.2941
YIQ	168.8850, 39.8750, 75.8350

Conversions

Conversions Part 2

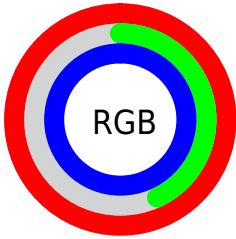
Format	Color
RYB	254, 109, 254
Decimal	16674302
CIELab	69.00, 72.94, -46.74
CIELCh	69, 86.635, 327.348
Yxy	39.3444, 0.3190, 0.1947
Android (android.graphics.Color)	4294864382 (0xFFFE6DFE)
YUV	168.8850, 41.9617, 74.6459
Hunter-Lab	62.7251, 73.7059, -49.0035

Details

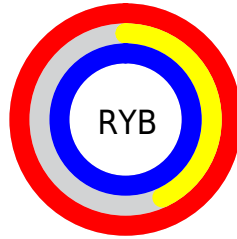
The CIELCh color $69, 86.635, 327.348$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $90, 87.438, 139.496$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $80, 54.926, 326.317$, and $49, 86.857, 327.268$ is the 20% darker color. If you saturate the color by 10%, you get $65, 97.867, 327.699$, and if you desaturate by 10%, it is $73, 73.342, 326.923$.

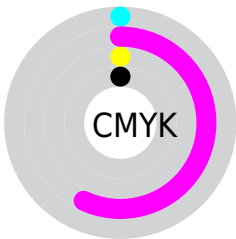
Distribution



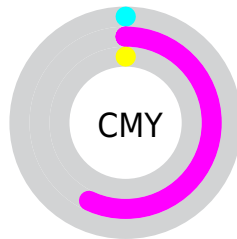
- Red (100%)
- Green (43%)
- Blue (100%)



- 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, 86.635, 327.348 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, 86.635, 327.348 by changing the saturation by 10% instead.

 69, 86.635,
327.348

 69, 86.635,
327.348

 100, 86.635,
327.348


 59, 86.635,
327.348

 89, 86.635,
327.348

 49, 86.635,
327.348

 99, 86.635,
327.348

 39, 86.635,
327.348

 29, 86.635,
327.348

 19, 86.635,
327.348

 9, 86.635, 327.348

 0, 86.635, 327.348

69, 86.635,
327.348

69, 86.635,
327.348

65, 97.867,
327.699

73, 73.342,
326.923

63, 106.477,
327.962

78, 58.627,
326.439

61, 112.118,
328.131

84, 43.061,
325.915

60, 114.861,
328.212

89, 27.107,
325.366

60, 115.360,
328.226

95, 11.104,
324.796

100, 0.364,
145.228

100, 0.363,
145.057

100, 0.362,

144.885

100, 0.362,
144.713

Harmonies

Complementary

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



69, 86.635, 327.348



90, 87.438, 139.496

Rectangle

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



69, 86.635, 327.348



69, 86.635, 17.348



69, 86.635, 147.348



69, 86.635, 197.348

Sweetspot

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



69, 86.632, 327.348



90, 27.168, 325.366



54, 81.417, 298.523



46, 18.180, 325.478



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, 86.632, 327.348



65, 99.046, 327.730



66, 63.821, 349.189



50, 9.056, 324.943



45, 93.083, 328.227



12, 42.823, 328.227

Inverse Universe

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



64, 61.955, 26.870



60, 75.487, 30.056



91, 60.797, 156.414



49, 5.254, 19.931



40, 84.223, 39.994



10, 33.366, 27.170

Previews

White Background



This preview shows how the CIELCh color 69, 86.635, 327.348 looks on a white background.

Color Contrast Check

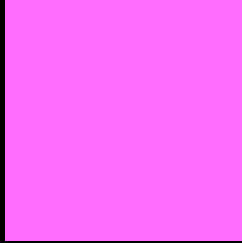
Large Text (above 18pt) WCAG AA × Fail

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, 86.635, 327.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

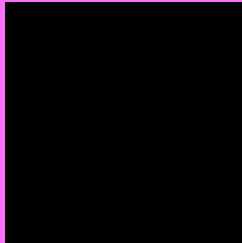
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 86.635, 327.348

Background



This preview shows how black text looks on a background with the CIELCh color 69, 86.635, 327.348.



This preview shows how white text looks on a background with the CIELCh color 69, 86.635, 327.348.

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, 86.640, 327.356

Protanopia

69, 49.121, 285.093

Deuteranopia

69, 42.699, 282.942



Tritanopia
69, 42.318, 16.710

Trichromacy



Original Color
69, 86.640, 327.356



Protanomaly
67, 61.621, 305.292



Deuteranomaly
67, 57.367, 305.869

Tritanomaly
68, 52.779, 348.781

Monochromacy



Original Color
69, 86.640, 327.356



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 34.783, 325.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 86.635, 327.348 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, 109, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 109, 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, 109, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 109, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 86.635, 327.348 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, 109, 254) }
```

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

```
.border{ border-color:rgb(254, 109, 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, 109, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 109, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 109, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 109,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 86.635, 327.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 109, 254) }
```

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

```
.background{ background-color: rgb(254,  
109, 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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