

Converting Colors

CIELCh(69, 70.051, 326.928)

Have a look what the booklet for
CIELCh(69, 70.051, 326.928)
contains.

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Color

CIELCh(69, 70.130, 326.933)

Conversions

Conversions Part 1

Format	Color
Hex	EF7EEF
RGB	239, 126, 239
RGB Percent	94%, 49%, 94%
CMY	0.0641, 0.5071, 0.0640
CMYK	0.00, 0.47, 0.00, 0.06
HSL	300°, 78%, 71%
HSV	300°, 47%, 94%
XYZ	58.4328, 39.3444, 85.9189
YIQ	172.6690, 31.0750, 59.0990

Conversions

Conversions Part 2

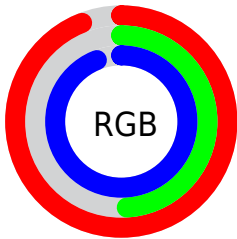
Format	Color
R _Y B	239, 126, 239
Decimal	15695599
CIE Lab	69.00, 58.77, -38.26
CIE LCh	69, 70.130, 326.933
Yxy	39.3444, 0.3181, 0.2142
Android (android.graphics.Color)	4293885679 (0xFFEF7EEF)
YUV	172.6690, 32.7012, 58.1723
Hunter-Lab	62.7251, 56.5162, -37.3061

Details

The CIELCh color **69, 70.130, 326.933** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **86, 70.440, 140.605**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 45.730, 326.007**, and **49, 70.297, 326.910** is the 20% darker color. If you saturate the color by 10%, you get **65, 82.720, 327.356**, and if you desaturate by 10%, it is **74, 56.175, 326.452**.

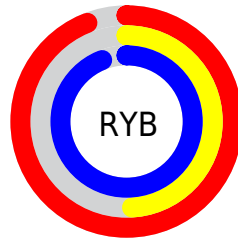
Distribution



Red (94%)

Green (49%)

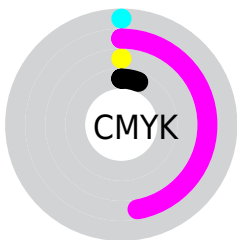
Blue (94%)



Red (94%)

Yellow (49%)

Blue (94%)

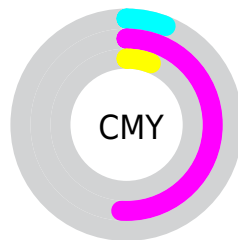


Cyan (0%)

Magenta (47%)

Yellow (0%)

Black (6%)



Cyan (6%)


Magenta (51%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 70.130, 326.933 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, 70.130, 326.933 by changing the saturation by 10% instead.


 69, 70.130,
326.933


 69, 70.130,
326.933


 100, 70.130,
326.933


 59, 70.130,
326.933


 89, 70.130,
326.933

 49, 70.130,
326.933

 99, 70.130,
326.933

 39, 70.130,
326.933

 29, 70.130,
326.933

 19, 70.130,
326.933

 9, 70.130, 326.933

 0, 70.130, 326.933

69, 70.130,
326.933

69, 70.130,
326.933

65, 82.720,
327.356

74, 56.175,
326.452

62, 93.360,
327.705

79, 41.408,
325.931

59, 101.509,
327.966

84, 26.262,
325.384

58, 106.848,
328.134

90, 11.064,
324.817

57, 109.463,
328.215

96, 3.965, 144.370

57, 109.920,
328.230

98, 10.162,
144.097

98, 10.161,
144.095

98, 10.161,
144.092

■ 98, 10.161,
144.089

Harmonies

Complementary

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



69, 70.130, 326.933



86, 70.440, 140.605

Rectangle

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



69, 70.130, 326.933



69, 70.130, 16.933



69, 70.130, 146.933



69, 70.130, 196.933

Sweetspot

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



69, 70.127, 326.933



91, 22.351, 325.200



58, 62.971, 296.413



47, 15.442, 325.322



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, 70.127, 326.933



69, 86.804, 327.351



67, 51.327, 347.671



47, 8.608, 324.941



44, 90.297, 328.230



10, 39.418, 328.230

Inverse Universe

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



65, 47.623, 24.662



65, 62.084, 26.878



87, 48.937, 157.853



47, 4.993, 19.933



38, 81.699, 39.992



8, 29.836, 23.803

Previews

White Background



This preview shows how the CIELCh color 69, 70.130, 326.933 looks on a white background.

Color Contrast Check

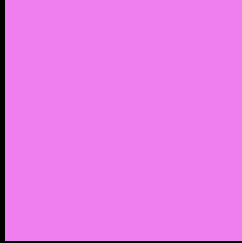
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 70.130, 326.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

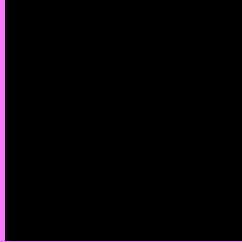
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 70.130, 326.933

Background



This preview shows how black text looks on a background with the CIELCh color 69, 70.130, 326.933.

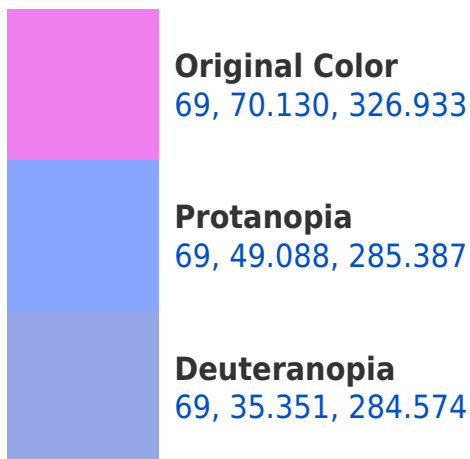


This preview shows how white text looks on a background with the CIELCh color 69, 70.130, 326.933.

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, 33.574, 12.743

Trichromacy



Original Color
69, 70.130, 326.933



Protanomaly
68, 54.584, 302.609



Deuteranomaly
68, 46.351, 306.429



Tritanomaly
69, 43.072, 347.103

Monochromacy



Original Color
69, 70.130, 326.933



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 27.019, 325.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 70.130, 326.933 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(239, 126, 239)` looks like.

```
.text, #text, p{  
    color:rgb(239, 126, 239)  
}
```

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(239, 126, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 126, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 70.130, 326.933 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(239, 126, 239) }
```

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

```
.border{ border-color:rgb(239, 126, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 126, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 126, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 126, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 126,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 70.130, 326.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 126, 239) }
```

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

```
.background{ background-color: rgb(239,  
126, 239) }
```

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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