

Converting Colors

CIELCh(70, 59.190, 326.614)

Have a look what the booklet for
CIELCh(70, 59.190, 326.614)
contains.

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Color

CIELCh(70, 59.385, 326.617)

Conversions

Conversions Part 1

Format	Color
Hex	E789E7
RGB	231, 137, 231
RGB Percent	91%, 54%, 91%
CMY	0.0933, 0.4620, 0.0933
CMYK	0.00, 0.41, 0.00, 0.09
HSL	300°, 66%, 72%
HSV	300°, 41%, 91%
XYZ	56.4462, 40.7494, 80.6411
YIQ	175.8220, 25.8500, 49.1620

Conversions

Conversions Part 2

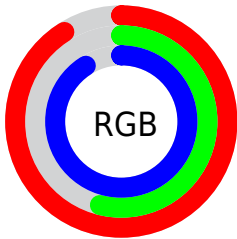
Format	Color
R _Y B	231, 137, 231
Decimal	15174119
CIE Lab	70.00, 49.59, -32.68
CIE LCh	70, 59.385, 326.617
Yxy	40.7494, 0.3174, 0.2291
Android (android.graphics.Color)	4293364199 (0xFFE789E7)
YUV	175.8220, 27.2028, 48.3911
Hunter-Lab	63.8353, 46.1265, -30.2145

Details

The CIELCh color **70, 59.385, 326.617** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84, 59.516, 141.319**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 39.507, 325.796**, and **50, 59.255, 326.765** is the 20% darker color. If you saturate the color by 10%, you get **66, 72.612, 327.080**, and if you desaturate by 10%, it is **75, 45.197, 326.108**.

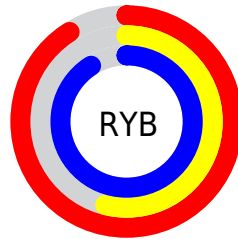
Distribution



Red (91%)

Green (54%)

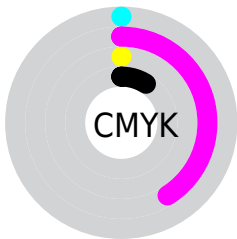
Blue (91%)



Red (91%)

Yellow (54%)

Blue (91%)

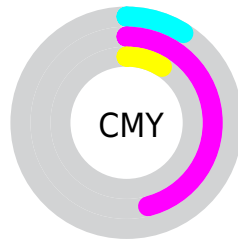


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (9%)



Cyan (9%)


Magenta (46%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 59.385, 326.617 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 70, 59.385, 326.617 by changing the saturation by 10% instead.


 70, 59.385,
326.617


 70, 59.385,
326.617


 100, 59.385,
326.617


 60, 59.385,
326.617


 90, 59.385,
326.617

 50, 59.385,
326.617

 40, 59.385,
326.617

 30, 59.385,
326.617

 20, 59.385,
326.617

 10, 59.385,
326.617

 0, 59.385, 326.617

70, 59.385,
326.617

70, 59.385,
326.617

66, 72.612,
327.080

75, 45.197,
326.108

62, 84.333,
327.481

80, 30.518,
325.569

59, 93.974,
327.802

86, 15.695,
325.011

57, 101.062,
328.033

91, 0.975, 324.185

55, 105.386,
328.173


97, 13.481,
143.962

55, 107.312,
328.234

98, 14.839,
143.910

98, 14.839,
143.911

98, 14.839,
143.912

 98, 14.838,
143.913

Harmonies

Complementary

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



70, 59.385, 326.617



84, 59.516, 141.319

Rectangle

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



70, 59.385, 326.617



70, 59.385, 16.617



70, 59.385, 146.617



70, 59.385, 196.617

Sweetspot

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



70, 59.382, 326.617



93, 19.140, 325.091



61, 52.918, 295.710



48, 12.703, 325.164



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 59.382, 326.617



73, 76.287, 327.019



68, 42.845, 347.746



45, 8.306, 324.942



42, 88.425, 328.234



9, 37.107, 328.234

Inverse Universe

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



70, 59.382, 326.617



73, 76.287, 327.019



85, 40.834, 159.588



45, 8.306, 324.942



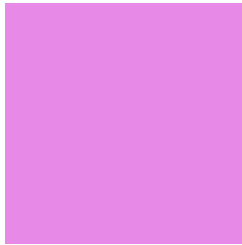
42, 88.425, 328.234



9, 37.107, 328.234

Previews

White Background



This preview shows how the CIELCh color 70, 59.385, 326.617 looks on a white background.

Color Contrast Check

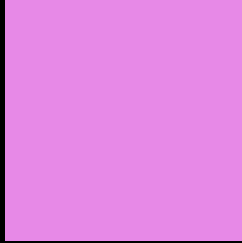
Large Text (above 18pt) WCAG AA × Fail

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 70, 59.385, 326.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

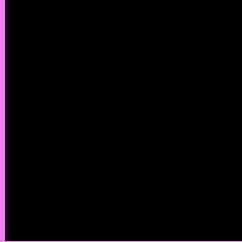
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 59.385, 326.617

Background



This preview shows how black text looks on a background with the CIELCh color 70, 59.385, 326.617.

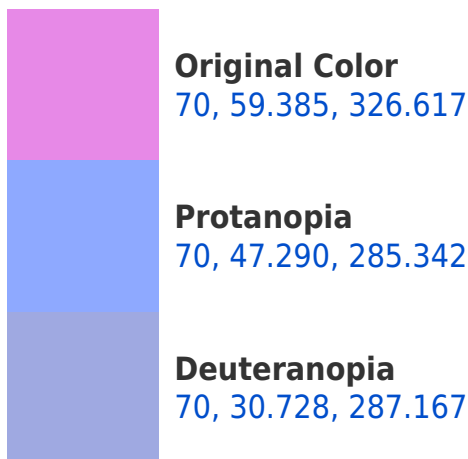


This preview shows how white text looks on a background with the CIELCh color 70, 59.385, 326.617.

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
70, 28.178, 10.084

Trichromacy



Original Color
70, 59.385, 326.617



Protanomaly
69, 49.286, 300.881



Deuteranomaly
69, 39.704, 307.261



Tritanomaly
70, 36.337, 345.530

Monochromacy



Original Color
70, 59.385, 326.617



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 22.391, 325.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 59.385, 326.617 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(231, 137, 231)` looks like.

```
.text, #text, p{  
    color:rgb(231, 137, 231)  
}
```

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(231, 137, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 137, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 59.385, 326.617 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(231, 137, 231) }
```

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

```
.border{ border-color:rgb(231, 137, 231) }
```

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

Here you see how a box with a 4 pixel rgb(231, 137, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 137, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 137, 231);  
box-shadow:4px 4px 4px 4px rgb(231, 137,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 59.385, 326.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 137, 231) }
```

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

```
.background{ background-color: rgb(231,  
137, 231) }
```

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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