

Converting Colors

CIELCh(70, 69.952, 327.723)

Have a look what the booklet for
CIELCh(70, 69.952, 327.723)
contains.

CIELCh(70, 69.915, 327.700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 69.915, 327.700)

Conversions

Conversions Part 1

Format	Color
Hex	F380F0
RGB	243, 128, 240
RGB Percent	95%, 50%, 94%
CMY	0.0473, 0.4983, 0.0591
CMYK	0.00, 0.47, 0.01, 0.05
HSL	302°, 83%, 73%
HSV	302°, 47%, 95%
XYZ	60.3651, 40.7494, 87.0664
YIQ	175.1530, 32.5880, 59.2120

Conversions

Conversions Part 2

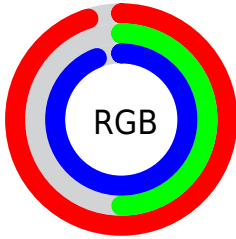
Format	Color
R _Y B	243, 128, 240
Decimal	15958256
CIE Lab	70.00, 59.10, -37.36
CIE LCh	70, 69.915, 327.700
Yxy	40.7494, 0.3208, 0.2165
Android (android.graphics.Color)	4294148336 (0xFFFF380F0)
YUV	175.1530, 31.9696, 59.5018
Hunter-Lab	63.8353, 57.0847, -36.1823

Details

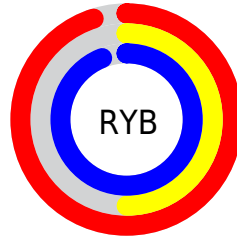
The CIELCh color **70, 69.915, 327.700** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87, 70.256, 141.265**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 44.490, 325.965**, and **50, 70.053, 327.714** is the 20% darker color. If you saturate the color by 10%, you get **66, 82.460, 328.155**, and if you desaturate by 10%, it is **75, 56.001, 327.196**.

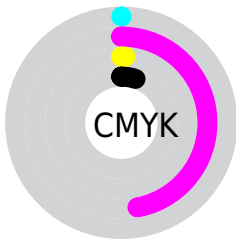
Distribution



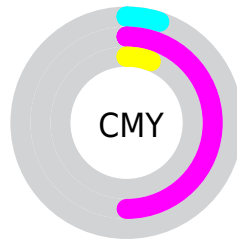
- Red (95%)
- Green (50%)
- Blue (94%)



- Red (95%)
- Yellow (50%)
- Blue (94%)



- Cyan (0%)
- Magenta (47%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 69.915, 327.700 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, 69.915, 327.700 by changing the saturation by 10% instead.


 70, 69.915,
327.700


 70, 69.915,
327.700


 100, 69.915,
327.700


 60, 69.915,
327.700


 90, 69.915,
327.700


 50, 69.915,
327.700

 40, 69.915,
327.700

 30, 69.915,
327.700

 20, 69.915,
327.700

 10, 69.915,
327.700

 0, 69.915, 327.700

70, 69.915,
327.700

70, 69.915,
327.700

66, 82.460,
328.155

75, 56.001,
327.196

62, 93.037,
328.546

80, 41.274,
326.658

60, 101.093,
328.863

86, 26.174,
326.100

58, 106.292,
329.103

91, 11.024,
325.524

57, 108.712,
329.275

97, 3.956, 145.075

57, 109.110,
329.315

99, 7.164, 146.048

99, 6.906, 147.621

99, 6.653, 149.312

99, 6.405, 151.134

Harmonies

Complementary

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



70, 69.915, 327.700



87, 70.256, 141.265

Rectangle

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



70, 69.915, 327.700



70, 69.915, 17.700



70, 69.915, 147.700



70, 69.915, 197.700

Sweetspot

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



70, 69.912, 327.700



91, 21.960, 325.912



59, 65.052, 297.448



47, 15.173, 326.035



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, 69.912, 327.700



69, 85.317, 328.147



68, 51.158, 349.711



48, 8.605, 325.651



44, 89.383, 329.296



11, 39.848, 329.152

Inverse Universe

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



70, 69.912, 327.700



69, 85.317, 328.147



88, 48.250, 159.563



48, 8.605, 325.651



44, 89.383, 329.296



11, 39.848, 329.152

Previews

White Background



This preview shows how the CIELCh color 70, 69.915, 327.700 looks on a white background.

Color Contrast Check

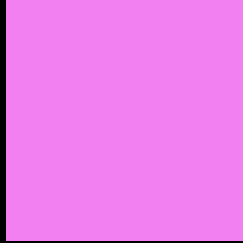
Large Text (above 18pt) WCAG AA × Fail

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, 69.915, 327.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

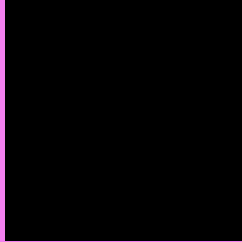
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 69.915, 327.700

Background



This preview shows how black text looks on a background with the CIELCh color 70, 69.915, 327.700.

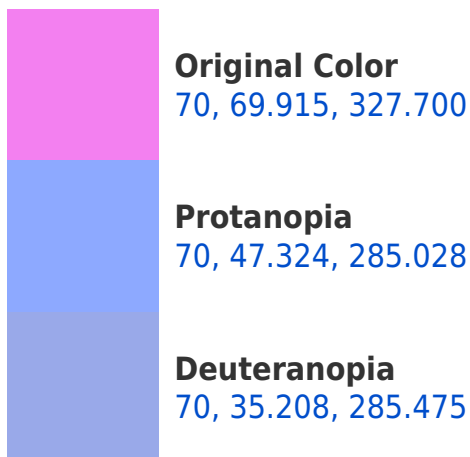


This preview shows how white text looks on a background with the CIELCh color 70, 69.915, 327.700.

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, 34.688, 13.188

Trichromacy



Original Color
70, 69.915, 327.700



Protanomaly
69, 53.388, 302.993



Deuteranomaly
69, 46.377, 307.208



Tritanomaly
70, 43.868, 348.095

Monochromacy



Original Color
70, 69.915, 327.700



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 27.135, 326.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 69.915, 327.700 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(243, 128, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 128, 240)  
}
```

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(243, 128, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 128, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 69.915, 327.700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

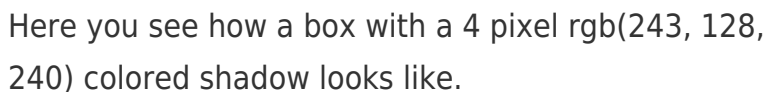
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 128, 240) }
```

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

```
.border{ border-color:rgb(243, 128, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(243, 128, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 128, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 128, 240); box-shadow:4px 4px 4px 4px rgb(243, 128, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 69.915, 327.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 128, 240) }
```

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

```
.background{ background-color: rgb(243,  
128, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor