

Converting Colors

CIELCh(70, 77.614, 327.098)

Have a look what the booklet for
CIELCh(70, 77.614, 327.098)
contains.

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Color

CIELCh(70, 77.531, 327.103)

Conversions

Conversions Part 1

Format	Color
Hex	F97AF9
RGB	249, 122, 249
RGB Percent	98%, 48%, 98%
CMY	0.0248, 0.5227, 0.0247
CMYK	0.00, 0.51, 0.00, 0.02
HSL	300°, 91%, 73%
HSV	300°, 51%, 98%
XYZ	62.9297, 40.7494, 93.9227
YIQ	174.4510, 34.9250, 66.4210

Conversions

Conversions Part 2

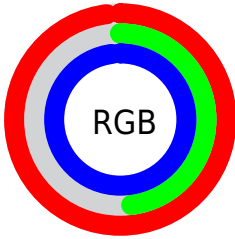
Format	Color
R _Y B	249, 122, 249
Decimal	16349945
CIE _{Lab}	70.00, 65.10, -42.11
CIE _{LCh}	70, 77.531, 327.103
Y _{xy}	40.7494, 0.3185, 0.2062
Android (android.graphics.Color)	4294540025 (0xFFFF97AF9)
Y _{UV}	174.4510, 36.7527, 65.3795
Hunter-Lab	63.8353, 64.2560, -42.5504

Details

The CIELCh color **70, 77.531, 327.103** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **88, 78.002, 140.181**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 47.584, 326.070**, and **50, 77.459, 327.141** is the 20% darker color. If you saturate the color by 10%, you get **66, 89.844, 327.500**, and if you desaturate by 10%, it is **75, 63.569, 326.641**.

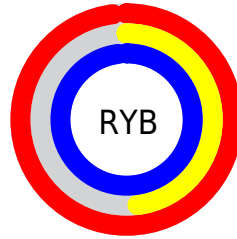
Distribution



Red (98%)

Green (48%)

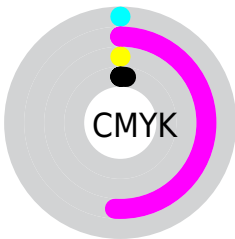
Blue (98%)



Red (98%)

Yellow (48%)

Blue (98%)

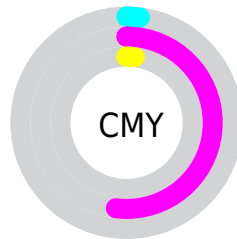


Cyan (0%)

Magenta (51%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (52%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 77.531, 327.103 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, 77.531, 327.103 by changing the saturation by 10% instead.


 70, 77.531,
327.103


 70, 77.531,
327.103


 100, 77.531,
327.103


 60, 77.531,
327.103


 90, 77.531,
327.103

 50, 77.531,
327.103

 40, 77.531,
327.103

 30, 77.531,
327.103

 20, 77.531,
327.103

 10, 77.531,
327.103

 0, 77.531, 327.103

70, 77.531,
327.103

70, 77.531,
327.103

66, 89.844,
327.500

75, 63.569,
326.641

63, 99.906,
327.817

80, 48.562,
326.132

61, 107.222,
328.042

85, 33.004,
325.592

59, 111.593,
328.175

91, 17.279,
325.033

59, 113.396,
328.229

97, 1.653, 324.315

99, 3.903, 144.375

99, 3.903, 144.367

99, 3.903, 144.359

99, 3.902, 144.351

Harmonies

Complementary

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



70, 77.531, 327.103



88, 78.002, 140.181

Rectangle

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



70, 77.531, 327.103



70, 77.531, 17.103



70, 77.531, 147.103



70, 77.531, 197.103

Sweetspot

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



70, 77.528, 327.103



91, 23.956, 325.257



57, 70.785, 297.210



47, 16.355, 325.375



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, 77.528, 327.103



68, 91.588, 327.501



68, 56.896, 348.230



49, 8.908, 324.944



45, 92.157, 328.229



12, 41.696, 328.230

Inverse Universe

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



66, 53.690, 25.458



63, 66.992, 27.947



89, 54.184, 157.314



49, 5.167, 19.936



39, 83.388, 39.997



9, 32.195, 26.136

Previews

White Background



This preview shows how the CIELCh color 70, 77.531, 327.103 looks on a white background.

Color Contrast Check

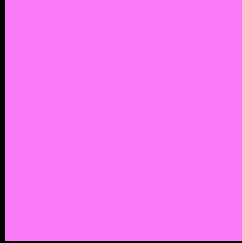
Large Text (above 18pt) WCAG AA × Fail

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, 77.531, 327.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

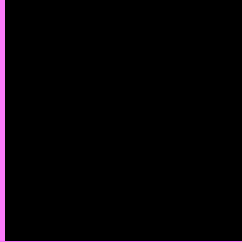
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 77.531, 327.103

Background



This preview shows how black text looks on a background with the CIELCh color 70, 77.531, 327.103.

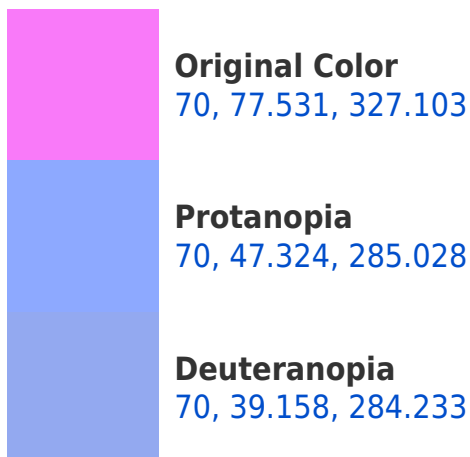


This preview shows how white text looks on a background with the CIELCh color 70, 77.531, 327.103.

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, 37.174, 14.988

Trichromacy



Original Color
70, 77.531, 327.103



Protanomaly
69, 56.279, 304.002



Deuteranomaly
69, 51.185, 306.154



Tritanomaly
70, 46.944, 348.091

Monochromacy



Original Color
70, 77.531, 327.103



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 30.174, 325.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 77.531, 327.103 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(249, 122, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 122, 249)  
}
```

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(249, 122, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 122, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 77.531, 327.103 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(249, 122, 249) }
```

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

```
.border{ border-color:rgb(249, 122, 249) }
```

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

Here you see how a box with a 4 pixel rgb(249, 122, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 122, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 122, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 122,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 77.531, 327.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 122, 249) }
```

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

```
.background{ background-color: rgb(249,  
122, 249) }
```

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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