

Converting Colors

CIELCh(70, 74.399, 327.443)

Have a look what the booklet for
CIELCh(70, 74.399, 327.443)
contains.

CIELCh(70, 74.621, 327.525)	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, 74.621, 327.525)

Conversions

Conversions Part 1

Format	Color
Hex	F77CF5
RGB	247, 124, 245
RGB Percent	97%, 49%, 96%
CMY	0.0316, 0.5140, 0.0395
CMYK	0.00, 0.50, 0.01, 0.03
HSL	301°, 88%, 73%
HSV	301°, 50%, 97%
XYZ	62.0043, 40.7494, 90.9313
YIQ	174.5710, 34.4670, 63.7070

Conversions

Conversions Part 2

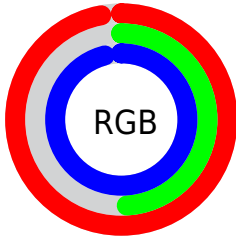
Format	Color
R _{YB}	247, 124, 245
Decimal	16219381
CIE _{Lab}	70.00, 62.95, -40.07
CIE _{LCh}	70, 74.621, 327.525
Y _{xy}	40.7494, 0.3201, 0.2104
Android (android.graphics.Color)	4294409461 (0xFFFF77CF5)
YUV	174.5710, 34.7215, 63.5202
Hunter-Lab	63.8353, 61.6685, -39.7720

Details

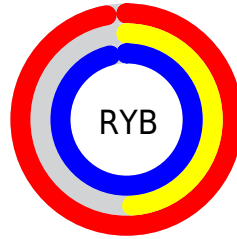
The CIELCh color **70, 74.621, 327.525** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **88, 75.062, 140.732**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 46.967, 326.049**, and **50, 74.333, 327.562** is the 20% darker color. If you saturate the color by 10%, you get **66, 86.970, 327.952**, and if you desaturate by 10%, it is **75, 60.724, 327.041**.

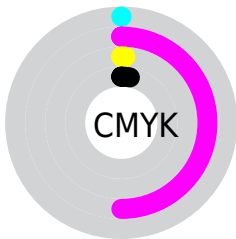
Distribution



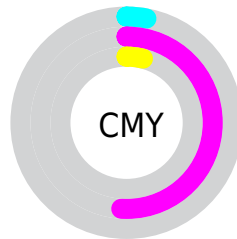
- Red (97%)
- Green (49%)
- Blue (96%)



- Red (97%)
- Yellow (49%)
- Blue (96%)



- Cyan (0%)
- Magenta (50%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 74.621, 327.525 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, 74.621, 327.525 by changing the saturation by 10% instead.


 70, 74.621,
327.525


 70, 74.621,
327.525


 100, 74.621,
327.525


 60, 74.621,
327.525


 90, 74.621,
327.525

 50, 74.621,
327.525

 40, 74.621,
327.525

 30, 74.621,
327.525

 20, 74.621,
327.525

 10, 74.621,
327.525

 0, 74.621, 327.525

70, 74.621,
327.525

70, 74.621,
327.525

66, 86.970,
327.952

75, 60.724,
327.041

63, 97.165,
328.308

80, 45.866,
326.517

60, 104.686,
328.582

85, 30.523,
325.967

59, 109.280,
328.774

91, 15.057,
325.400

58, 111.307,
328.897

97, 0.284, 145.948

58, 111.337,
328.899

99, 4.832, 145.712

99, 4.668, 147.169

99, 4.507, 148.730

99, 4.349, 150.405

Harmonies

Complementary

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



70, 74.621, 327.525



88, 75.062, 140.732

Rectangle

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



70, 74.621, 327.525



70, 74.621, 17.525



70, 74.621, 147.525



70, 74.621, 197.525

Sweetspot

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



70, 74.618, 327.525



91, 23.696, 325.698



57, 69.735, 297.531



47, 16.178, 325.817



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, 74.618, 327.525



68, 89.457, 327.964



68, 54.822, 349.059



48, 8.663, 325.381



44, 90.076, 328.887



11, 40.116, 328.799

Inverse Universe

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



70, 74.618, 327.525



68, 89.457, 327.964



89, 51.933, 158.342



48, 8.663, 325.381



44, 90.076, 328.887



11, 40.116, 328.799

Previews

White Background



This preview shows how the CIELCh color 70, 74.621, 327.525 looks on a white background.

Color Contrast Check

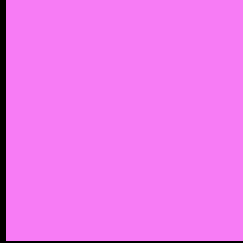
Large Text (above 18pt) WCAG AA × Fail

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, 74.621, 327.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

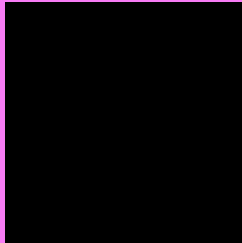
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 74.621, 327.525

Background



This preview shows how black text looks on a background with the CIELCh color 70, 74.621, 327.525.

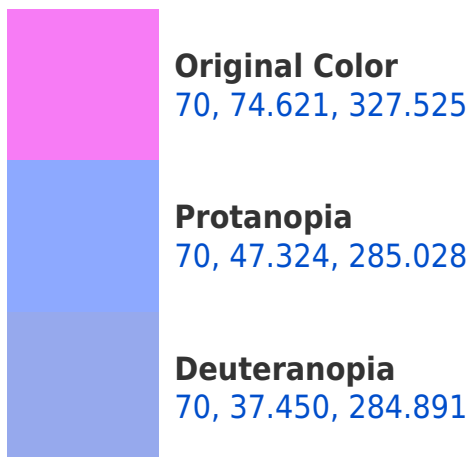


This preview shows how white text looks on a background with the CIELCh color 70, 74.621, 327.525.

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, 36.762, 14.012

Trichromacy



Original Color
70, 74.621, 327.525



Protanomaly
69, 54.605, 303.864



Deuteranomaly
69, 49.040, 306.586



Tritanomaly
70, 46.416, 348.349

Monochromacy



Original Color
70, 74.621, 327.525



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 29.080, 326.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 74.621, 327.525 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(247, 124, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 124, 245)  
}
```

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(247, 124, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 124, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 74.621, 327.525 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(247, 124, 245) }
```

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

```
.border{ border-color:rgb(247, 124, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 124, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 124, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 124, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 124,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 74.621, 327.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 124, 245) }
```

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

```
.background{ background-color: rgb(247,  
124, 245) }
```

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