

Converting Colors

CIELCh(71, 83.449, 322.162)

Have a look what the booklet for
CIELCh(71, 83.449, 322.162)
contains.

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Color

CIELCh(70, 77.975, 324.768)

Conversions

Conversions Part 1

Format	Color
Hex	F47CFE
RGB	244, 124, 254
RGB Percent	96%, 49%, 100%
CMY	0.0437, 0.5140, 0.0044
CMYK	0.04, 0.51, 0.00, 0.00
HSL	295°, 98%, 74%
HSV	295°, 51%, 100%
XYZ	62.3221, 40.7494, 98.2398
YIQ	174.7000, 29.7900, 65.8700

Conversions

Conversions Part 2

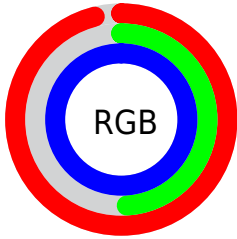
Format	Color
RYB	244, 124, 254
Decimal	16022782
CIELab	70.00, 63.69, -44.98
CIElCh	70, 77.975, 324.768
Yxy	40.7494, 0.3096, 0.2024
Android (android.graphics.Color)	4294212862 (0xFFFF47CFE)
YUV	174.7000, 39.0949, 60.7761
Hunter-Lab	63.8353, 62.5571, -46.5602

Details

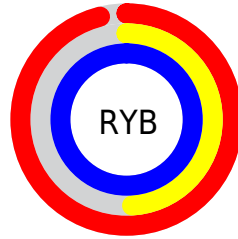
The CIELCh color $70, 77.975, 324.768$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $90, 77.813, 138.618$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $82, 46.967, 326.049$, and $50, 77.942, 324.674$ is the 20% darker color. If you saturate the color by 10%, you get $66, 90.684, 325.092$, and if you desaturate by 10%, it is $75, 63.748, 324.363$.

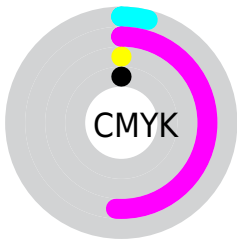
Distribution



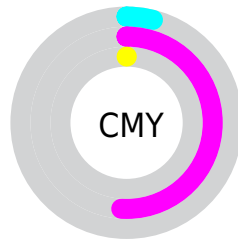
- Red (96%)
- Green (49%)
- Blue (100%)



- Red (96%)
- Yellow (49%)
- Blue (100%)



- Cyan (4%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 77.975, 324.768 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, 77.975, 324.768 by changing the saturation by 10% instead.

 70, 77.975,
324.768

 70, 77.975,
324.768


 100, 77.975,
324.768


 60, 77.975,
324.768


 90, 77.975,
324.768

 50, 77.975,
324.768

 40, 77.975,
324.768

 30, 77.975,
324.768

 20, 77.975,
324.768

 10, 77.975,
324.768

 0, 77.975, 324.768

70, 77.975,
324.768

70, 77.975,
324.768

66, 90.684,
325.092

75, 63.748,
324.363

62, 101.227,
325.308

81, 48.607,
323.903

59, 109.020,
325.393

86, 33.027,
323.410

58, 113.758,
325.330

93, 17.357,
322.899

57, 115.733,
325.167

99, 1.832, 322.256

100, 0.560,
109.998

Harmonies

Complementary

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



70, 77.975, 324.768



90, 77.813, 138.618

Rectangle

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



70, 77.975, 324.768



70, 77.975, 14.768



70, 77.975, 144.768



70, 77.975, 194.768

Sweetspot

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



70, 77.972, 324.768



91, 23.413, 323.096



61, 66.891, 294.688



47, 15.989, 323.204



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, 77.972, 324.768



66, 90.788, 325.087



69, 60.168, 344.360



50, 8.845, 322.811



43, 93.520, 325.218



11, 42.991, 325.575

Inverse Universe

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



67, 53.503, 19.905



63, 64.937, 22.511



91, 58.432, 154.126



50, 5.272, 13.712



40, 81.022, 37.034



10, 32.762, 24.060

Previews

White Background



This preview shows how the CIELCh color 70, 77.975, 324.768 looks on a white background.

Color Contrast Check

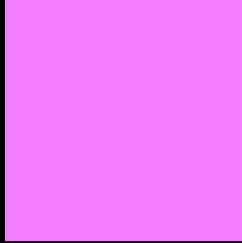
Large Text (above 18pt) WCAG AA × Fail

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 70, 77.975, 324.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

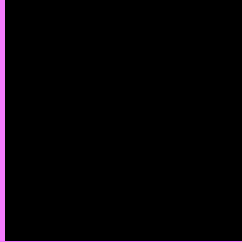
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 77.975, 324.768

Background



This preview shows how black text looks on a background with the CIELCh color 70, 77.975, 324.768.

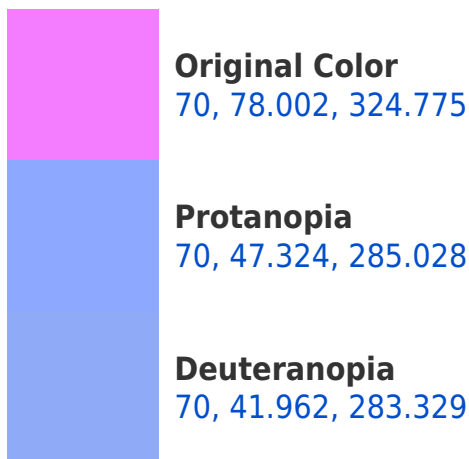


This preview shows how white text looks on a background with the CIELCh color 70, 77.975, 324.768.

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, 34.301, 12.128

Trichromacy



Original Color
70, 78.002, 324.775



Protanomaly
69, 56.655, 303.006



Deuteranomaly
69, 53.548, 303.998



Tritanomaly
70, 45.489, 344.563

Monochromacy



Original Color
70, 78.002, 324.775



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 30.677, 323.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 77.975, 324.768 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(244, 124, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 124, 254)  
}
```

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(244, 124, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 124, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 77.975, 324.768 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(244, 124, 254) }
```

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

```
.border{ border-color:rgb(244, 124, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 124, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 124, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 124, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 124,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 77.975, 324.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 124, 254) }
```

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

```
.background{ background-color: rgb(244,  
124, 254) }
```

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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