

Converting Colors

CIELCh(70, 80.545, 328.086)

Have a look what the booklet for
CIELCh(70, 80.545, 328.086)
contains.

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Color

CIELCh(70, 80.559, 328.097)

Conversions

Conversions Part 1

Format	Color
Hex	FE76FA
RGB	254, 118, 250
RGB Percent	100%, 46%, 98%
CMY	0.0054, 0.5386, 0.0211
CMYK	0.00, 0.54, 0.02, 0.01
HSL	302°, 98%, 73%
HSV	302°, 54%, 99%
XYZ	64.3663, 40.7494, 94.6119
YIQ	173.7120, 38.6840, 69.8840

Conversions

Conversions Part 2

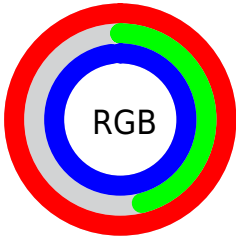
Format	Color
RYB	254, 118, 250
Decimal	16676602
CIELab	70.00, 68.39, -42.57
CIElCh	70, 80.559, 328.097
Yxy	40.7494, 0.3223, 0.2040
Android (android.graphics.Color)	4294866682 (0xFFFE76FA)
YUV	173.7120, 37.6100, 70.4126
Hunter-Lab	63.8353, 68.2732, -43.1906

Details

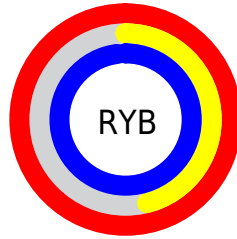
The CIELCh color $70, 80.559, 328.097$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $90, 81.239, 140.616$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $81, 50.046, 326.153$, and $50, 80.596, 327.984$ is the 20% darker color. If you saturate the color by 10%, you get $66, 92.286, 328.518$, and if you desaturate by 10%, it is $75, 67.011, 327.618$.

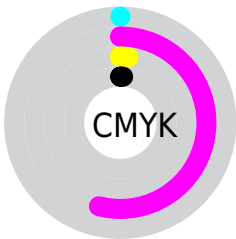
Distribution



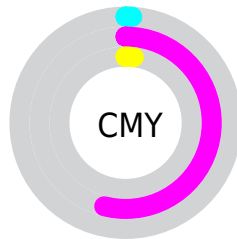
- Red (100%)
- Green (46%)
- Blue (98%)



- Red (100%)
- Yellow (46%)
- Blue (98%)



- Cyan (0%)
- Magenta (54%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (54%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 80.559, 328.097 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, 80.559, 328.097 by changing the saturation by 10% instead.


 70, 80.559,
328.097


 70, 80.559,
328.097


 100, 80.559,
328.097


 60, 80.559,
328.097


 90, 80.559,
328.097

 50, 80.559,
328.097

 40, 80.559,
328.097

 30, 80.559,
328.097

 20, 80.559,
328.097

 10, 80.559,
328.097

 0, 80.559, 328.097

70, 80.559,
328.097

70, 80.559,
328.097

66, 92.286,
328.518

75, 67.011,
327.618

63, 101.589,
328.870

80, 52.269,
327.097

61, 108.014,
329.147

85, 36.865,
326.547

60, 111.452,
329.352

91, 21.210,
325.980

60, 112.429,
329.456

97, 5.600, 325.377

100, 0.662,
156.713

100, 0.486,
190.969

100, 0.480,
200.756

Harmonies

Complementary

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



70, 80.559, 328.097



90, 81.239, 140.616

Rectangle

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



70, 80.559, 328.097



70, 80.559, 18.097



70, 80.559, 148.097



70, 80.559, 198.097

Sweetspot

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



70, 80.556, 328.097



90, 25.061, 326.117



56, 77.276, 298.729



47, 16.930, 326.234



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, 80.556, 328.097



66, 93.096, 328.534



68, 59.389, 350.736



50, 8.878, 325.743



45, 90.965, 329.435



12, 41.964, 329.286

Inverse Universe

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



70, 80.556, 328.097



66, 93.096, 328.534



91, 55.839, 158.643



50, 8.878, 325.743



45, 90.965, 329.435



12, 41.964, 329.286

Previews

White Background



This preview shows how the CIELCh color 70, 80.559, 328.097 looks on a white background.

Color Contrast Check

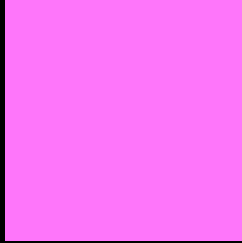
Large Text (above 18pt) WCAG AA × Fail

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, 80.559, 328.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

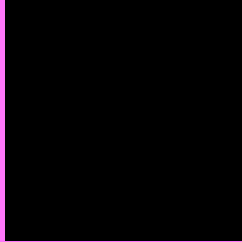
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 80.559, 328.097

Background



This preview shows how black text looks on a background with the CIELCh color 70, 80.559, 328.097.

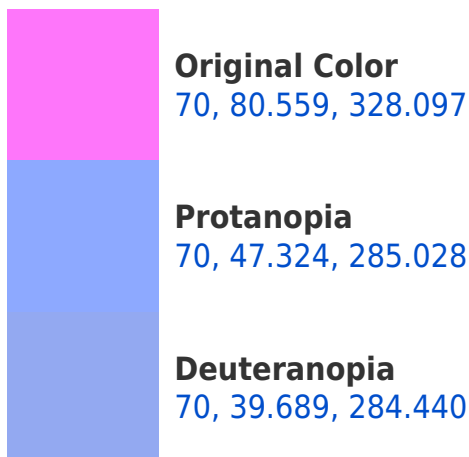


This preview shows how white text looks on a background with the CIELCh color 70, 80.559, 328.097.

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, 40.487, 15.348

Trichromacy



Original Color
70, 80.559, 328.097



Protanomaly
69, 57.589, 305.125



Deuteranomaly
69, 53.062, 307.244



Tritanomaly
69, 50.318, 349.297

Monochromacy



Original Color
70, 80.559, 328.097



Achromatopsia
71, 0.009, 296.813



Achromatomaly
69, 31.672, 326.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 80.559, 328.097 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(254, 118, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 118, 250)  
}
```

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(254, 118, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 118, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 80.559, 328.097 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(254, 118, 250) }
```

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

```
.border{ border-color:rgb(254, 118, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 118, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 118, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 118, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 118,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 80.559, 328.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 118, 250) }
```

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

```
.background{ background-color: rgb(254,  
118, 250) }
```

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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