

Converting Colors

CIELCh(69, 79.056, 330.349)

Have a look what the booklet for
CIELCh(69, 79.056, 330.349)
contains.

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Color

CIELCh(69, 78.743, 330.489)

Conversions

Conversions Part 1

Format	Color
Hex	FE72F0
RGB	254, 114, 240
RGB Percent	100%, 45%, 94%
CMY	0.0044, 0.5533, 0.0592
CMYK	0.00, 0.55, 0.06, 0.00
HSL	306°, 98%, 72%
HSV	306°, 55%, 100%
XYZ	62.5483, 39.3444, 86.6515
YIQ	170.2240, 42.9940, 68.8660

Conversions

Conversions Part 2

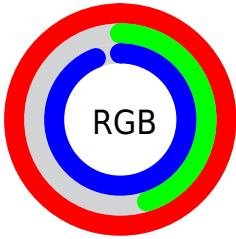
Format	Color
RYB	254, 114, 240
Decimal	16675568
CIELab	69.00, 68.53, -38.79
CIElCh	69, 78.743, 330.489
Yxy	39.3444, 0.3317, 0.2087
Android (android.graphics.Color)	4294865648 (0xFFFE72F0)
YUV	170.2240, 34.3996, 73.4716
Hunter-Lab	62.7251, 68.2279, -37.9985

Details

The CIELCh color **69, 78.743, 330.489** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 79.583, 142.307**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 52.494, 326.235**, and **49, 78.992, 330.265** is the 20% darker color. If you saturate the color by 10%, you get **65, 89.593, 331.029**, and if you desaturate by 10%, it is **74, 66.025, 329.924**.

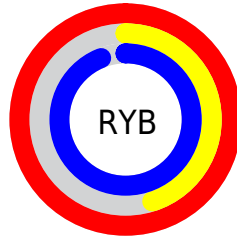
Distribution



Red (100%)

Green (45%)

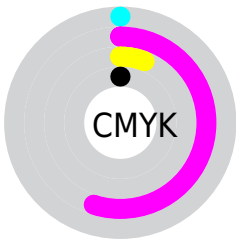
Blue (94%)



Red (100%)

Yellow (45%)

Blue (94%)

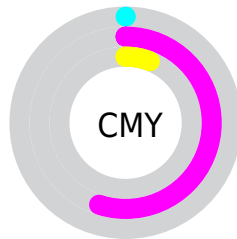


Cyan (0%)

Magenta (55%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 78.743, 330.489 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 69, 78.743, 330.489 by changing the saturation by 10% instead.

 69, 78.743,
330.489

 69, 78.743,
330.489

 100, 78.743,
330.489

 59, 78.743,
330.489

 89, 78.743,
330.489

 49, 78.743,
330.489

 99, 78.743,
330.489

 39, 78.743,
330.489

 29, 78.743,
330.489

 19, 78.743,
330.489

 9, 78.743, 330.489

 0, 78.743, 330.489

69, 78.743,
330.489

69, 78.743,
330.489

65, 89.593,
331.029

74, 66.025,
329.924

62, 97.969,
331.541

79, 52.074,
329.339

60, 103.429,
332.033

84, 37.428,
328.742

59, 105.904,
332.518

90, 22.502,
328.142

59, 106.335,
332.756

96, 7.595, 327.525

100, 0.387,
201.094

Harmonies

Complementary

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



69, 78.743, 330.489



90, 79.583, 142.307

Rectangle

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



69, 78.743, 330.489



69, 78.743, 20.489



69, 78.743, 150.489



69, 78.743, 200.489

Sweetspot

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



69, 78.740, 330.489



89, 25.378, 328.254



56, 79.660, 300.571



46, 16.984, 328.375



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 78.740, 330.489



65, 90.735, 331.075



67, 59.231, 355.480



50, 8.457, 327.801



44, 86.047, 332.671



12, 39.961, 332.085

Inverse Universe

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



69, 78.740, 330.489



65, 90.735, 331.075



91, 53.961, 162.134



50, 8.457, 327.801



44, 86.047, 332.671



12, 39.961, 332.085

Previews

White Background



This preview shows how the CIELCh color 69, 78.743, 330.489 looks on a white background.

Color Contrast Check

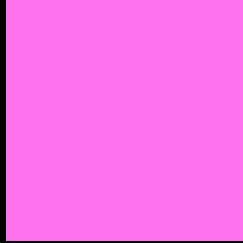
Large Text (above 18pt) WCAG AA × Fail

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 69, 78.743, 330.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

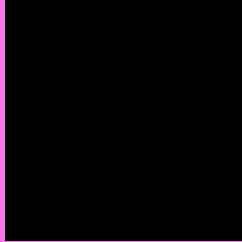
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 78.743, 330.489

Background



This preview shows how black text looks on a background with the CIELCh color 69, 78.743, 330.489.

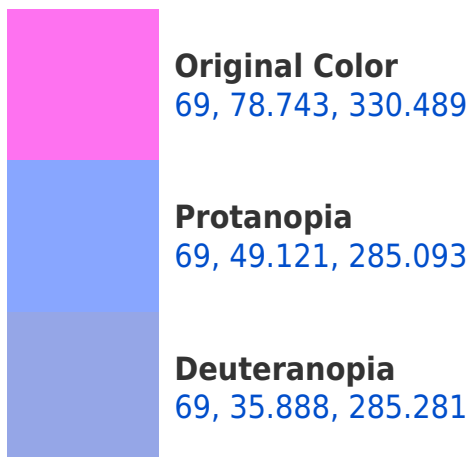


This preview shows how white text looks on a background with the CIELCh color 69, 78.743, 330.489.

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



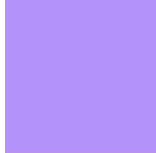


Tritanopia
69, 43.172, 16.974

Trichromacy



Original Color
69, 78.743, 330.489



Protanomaly
68, 57.758, 305.166



Deuteranomaly
68, 49.825, 309.628



Tritanomaly
69, 51.235, 352.510

Monochromacy



Original Color
69, 78.743, 330.489



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 30.876, 329.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 78.743, 330.489 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, 114, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 114, 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(254, 114, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 114, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 78.743, 330.489 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, 114, 240) }
```

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

```
.border{ border-color:rgb(254, 114, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 114, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 114, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 114, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 114,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 78.743, 330.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 114, 240) }
```

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

```
.background{ background-color: rgb(254,  
114, 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](#).

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