

Converting Colors

CIELCh(69, 80.760, 329.509)

Have a look what the booklet for
CIELCh(69, 80.760, 329.509)
contains.

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Color

CIELCh(69, 80.769, 329.520)

Conversions

Conversions Part 1

Format	Color
Hex	FE71F4
RGB	254, 113, 244
RGB Percent	100%, 44%, 96%
CMY	0.0045, 0.5574, 0.0437
CMYK	0.00, 0.56, 0.04, 0.00
HSL	304°, 98%, 72%
HSV	304°, 56%, 100%
XYZ	63.0155, 39.3444, 89.7467
YIQ	170.0930, 41.9850, 70.6330

Conversions

Conversions Part 2

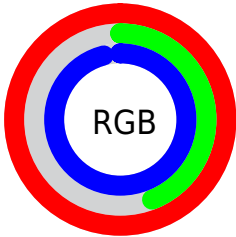
Format	Color
R_{YB}	254, 113, 244
Decimal	16675316
CIE _{Lab}	69.00, 69.61, -40.97
CIE _{LCh}	69, 80.769, 329.520
Yxy	39.3444, 0.3280, 0.2048
Android (android.graphics.Color)	4294865396 (0xFFFE71F4)
YUV	170.0930, 36.4362, 73.5864
Hunter-Lab	62.7251, 69.5576, -40.9242

Details

The CIELCh color **69, 80.769, 329.520** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 81.644, 141.464**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 52.494, 326.235**, and **49, 80.521, 329.505** is the 20% darker color. If you saturate the color by 10%, you get **65, 91.752, 330.002**, and if you desaturate by 10%, it is **73, 67.870, 328.998**.

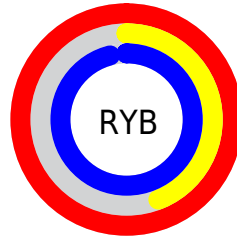
Distribution



Red (100%)

Green (44%)

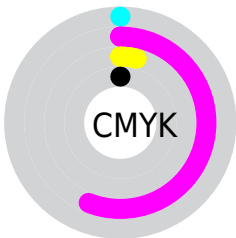
Blue (96%)



Red (100%)

Yellow (44%)

Blue (96%)

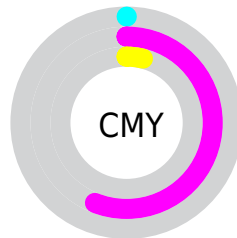


Cyan (0%)

Magenta (56%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 80.769, 329.520 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, 80.769, 329.520 by changing the saturation by 10% instead.


 69, 80.769,
329.520


 69, 80.769,
329.520


 100, 80.769,
329.520


 59, 80.769,
329.520


 89, 80.769,
329.520

 49, 80.769,
329.520

 99, 80.769,
329.520

 39, 80.769,
329.520

 29, 80.769,
329.520

 19, 80.769,
329.520

 9, 80.769, 329.520

 0, 80.769, 329.520

69, 80.769,
329.520

69, 80.769,
329.520

65, 91.752,
330.002

73, 67.870,
328.998

62, 100.225,
330.437

79, 53.693,
328.444

60, 105.766,
330.827

84, 38.783,
327.870

59, 108.337,
331.182

90, 23.569,
327.286

59, 108.823,
331.335

96, 8.357, 326.685

100, 0.432,
177.261

100, 0.398,
201.044

Harmonies

Complementary

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



69, 80.769, 329.520



90, 81.644, 141.464

Rectangle

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



69, 80.769, 329.520



69, 80.769, 19.520



69, 80.769, 149.520



69, 80.769, 199.520

Sweetspot

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



69, 80.766, 329.520



89, 25.891, 327.372



55, 80.312, 300.255



46, 17.327, 327.490



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, 80.766, 329.520



65, 93.493, 330.069



66, 59.997, 354.410



50, 8.629, 326.929



45, 88.035, 331.279



12, 40.773, 330.887

Inverse Universe

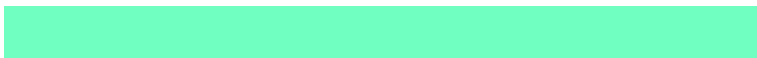
The Inverse Universe completely reimagines the original color for something new.



69, 80.766, 329.520



65, 93.493, 330.069



91, 55.109, 161.103



50, 8.629, 326.929



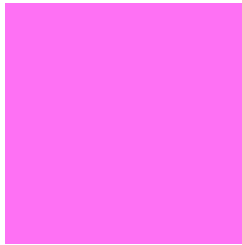
45, 88.035, 331.279



12, 40.773, 330.887

Previews

White Background



This preview shows how the CIELCh color 69, 80.769, 329.520 looks on a white background.

Color Contrast Check

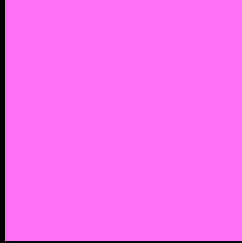
Large Text (above 18pt) WCAG AA × Fail

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, 80.769, 329.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

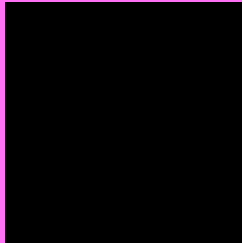
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 80.769, 329.520

Background



This preview shows how black text looks on a background with the CIELCh color 69, 80.769, 329.520.

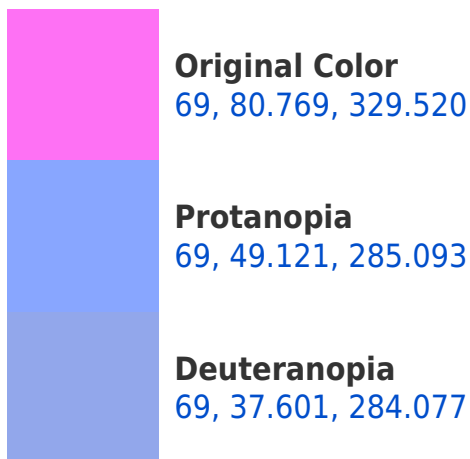


This preview shows how white text looks on a background with the CIELCh color 69, 80.769, 329.520.

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, 43.127, 16.260

Trichromacy



Original Color
69, 80.769, 329.520



Protanomaly
68, 58.284, 305.094



Deuteranomaly
68, 51.767, 308.334



Tritanomaly
68, 52.169, 351.183

Monochromacy



Original Color
69, 80.769, 329.520



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 32.174, 327.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 80.769, 329.520 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, 113, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 113, 244)  
}
```

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, 113, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 113, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 80.769, 329.520 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, 113, 244) }
```

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

```
.border{ border-color:rgb(254, 113, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 113, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 113, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 113, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 113,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 80.769, 329.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 113, 244) }
```

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

```
.background{ background-color: rgb(254,  
113, 244) }
```

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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