

Converting Colors

CIELCh(68, 76.069, 325.907)

Have a look what the booklet for
CIELCh(68, 76.069, 325.907)
contains.

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Color

CIELCh(68, 76.045, 325.899)

Conversions

Conversions Part 1

Format	Color
Hex	EF77F4
RGB	239, 119, 244
RGB Percent	94%, 47%, 96%
CMY	0.0636, 0.5341, 0.0440
CMYK	0.02, 0.51, 0.00, 0.04
HSL	298°, 85%, 71%
HSV	298°, 51%, 96%
XYZ	58.3864, 37.9720, 89.6630
YIQ	169.1300, 31.3950, 64.3150

Conversions

Conversions Part 2

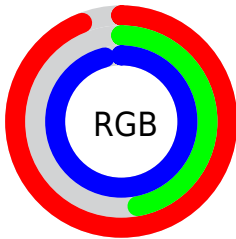
Format	Color
R _Y B	239, 119, 244
Decimal	15693812
CIE Lab	68.00, 62.97, -42.63
CIE LCh	68, 76.045, 325.899
Yxy	37.9720, 0.3139, 0.2041
Android (android.graphics.Color)	4293883892 (0xFFEF77F4)
YUV	169.1300, 36.9109, 61.2760
Hunter-Lab	61.6215, 61.2915, -43.1355

Details

The CIELCh color $68, 76.045, 325.899$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $87, 76.208, 139.386$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $81, 50.046, 326.153$, and $48, 75.707, 325.848$ is the 20% darker color. If you saturate the color by 10%, you get $64, 88.241, 326.254$, and if you desaturate by 10%, it is $73, 62.304, 325.470$.

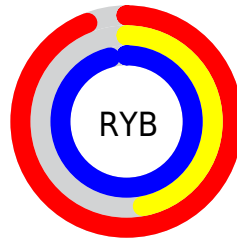
Distribution



Red (94%)

Green (47%)

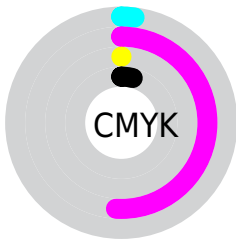
Blue (96%)



Red (94%)

Yellow (47%)

Blue (96%)

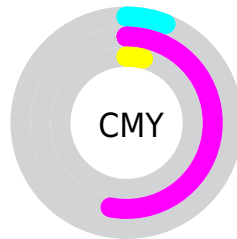


Cyan (2%)

Magenta (51%)

Yellow (0%)

Black (4%)



Cyan (6%)


Magenta (53%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 76.045, 325.899 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 68, 76.045, 325.899 by changing the saturation by 10% instead.


 68, 76.045,
325.899


 68, 76.045,
325.899


 100, 76.045,
325.899


 58, 76.045,
325.899


 88, 76.045,
325.899

 48, 76.045,
325.899

 98, 76.045,
325.899

 38, 76.045,
325.899

 28, 76.045,
325.899

 18, 76.045,
325.899

 8, 76.045, 325.899

 0, 76.045, 325.899

68, 76.045,
325.899

68, 76.045,
325.899

64, 88.241,
326.254

73, 62.304,
325.470

61, 98.282,
326.515

78, 47.606,
324.990

58, 105.644,
326.663

83, 32.425,
324.477

57, 110.081,
326.691

89, 17.115,
323.945

56, 111.921,
326.632

95, 1.923, 323.287

99, 6.800, 142.201

99, 6.617, 139.743

99, 6.448, 137.143

99, 6.292, 134.404

Harmonies

Complementary

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



68, 76.045, 325.899



87, 76.208, 139.386

Rectangle

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



68, 76.045, 325.899



68, 76.045, 15.899



68, 76.045, 145.899



68, 76.045, 195.899

Sweetspot

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



68, 76.042, 325.899



91, 23.670, 324.147



57, 67.386, 296.009



47, 16.163, 324.260



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 76.042, 325.899



66, 92.311, 326.281



66, 57.222, 346.263



48, 8.650, 323.848



43, 91.409, 326.658



10, 40.629, 326.865

Inverse Universe

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



65, 52.368, 22.628



62, 67.017, 25.473



88, 55.066, 155.668



48, 5.081, 16.700



39, 80.810, 38.417



8, 30.772, 23.406

Previews

White Background



This preview shows how the CIELCh color 68, 76.045, 325.899 looks on a white background.

Color Contrast Check

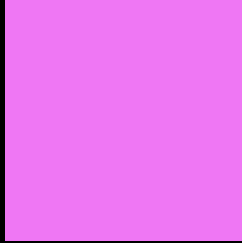
Large Text (above 18pt) WCAG AA × Fail

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 68, 76.045, 325.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

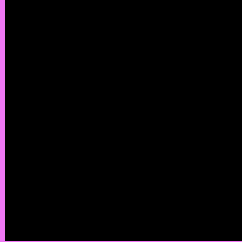
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 76.045, 325.899

Background



This preview shows how black text looks on a background with the CIELCh color 68, 76.045, 325.899.

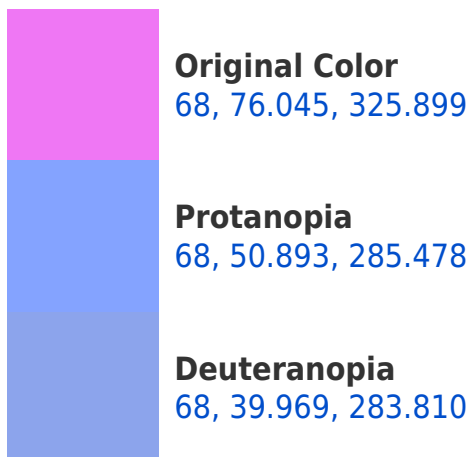


This preview shows how white text looks on a background with the CIELCh color 68, 76.045, 325.899.

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
68, 34.934, 13.345

Trichromacy



Original Color
68, 76.045, 325.899



Protanomaly
67, 58.035, 302.710



Deuteranomaly
67, 51.205, 304.791



Tritanomaly
67, 45.394, 346.187

Monochromacy



Original Color
68, 76.045, 325.899



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 29.286, 324.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 76.045, 325.899 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(239, 119, 244)` looks like.

```
.text, #text, p{  
    color:rgb(239, 119, 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(239, 119, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 119, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 76.045, 325.899 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(239, 119, 244) }
```

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

```
.border{ border-color:rgb(239, 119, 244) }
```

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

Here you see how a box with a 4 pixel rgb(239, 119, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 119, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 119, 244);  
box-shadow:4px 4px 4px 4px rgb(239, 119,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 76.045, 325.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 119, 244) }
```

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

```
.background{ background-color: rgb(239,  
119, 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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