

Converting Colors

CIELCh(68, 76.926, 328.977)

Have a look what the booklet for
CIELCh(68, 76.926, 328.977)
contains.

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Color

CIELCh(68, 76.521, 329.078)

Conversions

Conversions Part 1

Format	Color
Hex	F673EE
RGB	246, 115, 238
RGB Percent	96%, 45%, 93%
CMY	0.0358, 0.5494, 0.0671
CMYK	0.00, 0.53, 0.03, 0.04
HSL	304°, 88%, 71%
HSV	304°, 53%, 96%
XYZ	59.4961, 37.9720, 84.9927
YIQ	168.1910, 38.5930, 66.0250

Conversions

Conversions Part 2

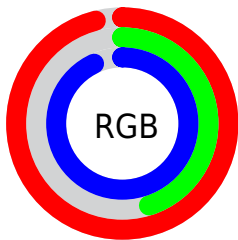
Format	Color
R _Y B	246, 115, 238
Decimal	16151534
CIE _{Lab}	68.00, 65.64, -39.32
CIE _{LCh}	68, 76.521, 329.078
Y _{xy}	37.9720, 0.3261, 0.2081
Android (android.graphics.Color)	4294341614 (0xFFFF673EE)
YUV	168.1910, 34.4158, 68.2385
Hunter-Lab	61.6215, 64.5058, -38.6420

Details

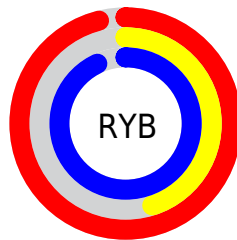
The CIELCh color $68, 76.521, 329.078$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $87, 77.196, 141.490$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $81, 51.883, 326.215$, and $48, 76.619, 328.996$ is the 20% darker color. If you saturate the color by 10%, you get $64, 87.797, 329.552$, and if you desaturate by 10%, it is $73, 63.521, 328.561$.

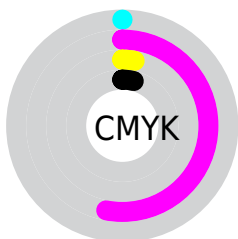
Distribution



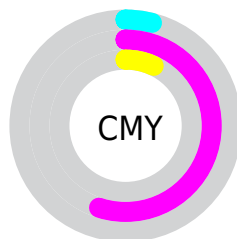
- Red (96%)
- Green (45%)
- Blue (93%)



- Red (96%)
- Yellow (45%)
- Blue (93%)



- Cyan (0%)
- Magenta (53%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (55%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 76.521, 329.078 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, 76.521, 329.078 by changing the saturation by 10% instead.


 68, 76.521,
329.078


 68, 76.521,
329.078


 100, 76.521,
329.078


 58, 76.521,
329.078


 88, 76.521,
329.078

 48, 76.521,
329.078

 98, 76.521,
329.078

 38, 76.521,
329.078

 28, 76.521,
329.078

 18, 76.521,
329.078

 8, 76.521, 329.078

 0, 76.521, 329.078

68, 76.521,
329.078

68, 76.521,
329.078

64, 87.797,
329.552

73, 63.521,
328.561

61, 96.754,
329.975

78, 49.405,
328.011

59, 102.929,
330.345

83, 34.679,
327.442

58, 106.182,
330.668

89, 19.732,
326.862

57, 107.075,
330.869

95, 4.840, 326.243

99, 5.242, 147.451

99, 4.657, 153.149

99, 4.130, 160.373

99, 3.685, 169.504

Harmonies

Complementary

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



68, 76.521, 329.078



87, 77.196, 141.490

Rectangle

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



68, 76.521, 329.078



68, 76.521, 19.078



68, 76.521, 149.078



68, 76.521, 199.078

Sweetspot

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



68, 76.518, 329.078



90, 24.525, 327.023



55, 74.776, 299.422



47, 16.568, 327.143



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, 76.518, 329.078



66, 91.138, 329.590



66, 56.723, 352.842



48, 8.402, 326.639



44, 86.962, 330.821



11, 38.910, 330.458

Inverse Universe

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



68, 76.518, 329.078



66, 91.138, 329.590



88, 52.594, 160.517



48, 8.402, 326.639



44, 86.962, 330.821



11, 38.910, 330.458

Previews

White Background



This preview shows how the CIELCh color 68, 76.521, 329.078 looks on a white background.

Color Contrast Check

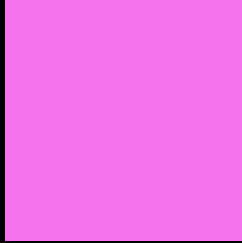
Large Text (above 18pt) WCAG AA × Fail

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, 76.521, 329.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

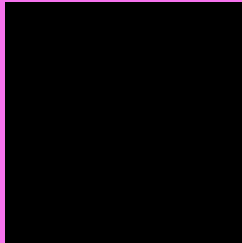
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 76.521, 329.078

Background



This preview shows how black text looks on a background with the CIELCh color 68, 76.521, 329.078.

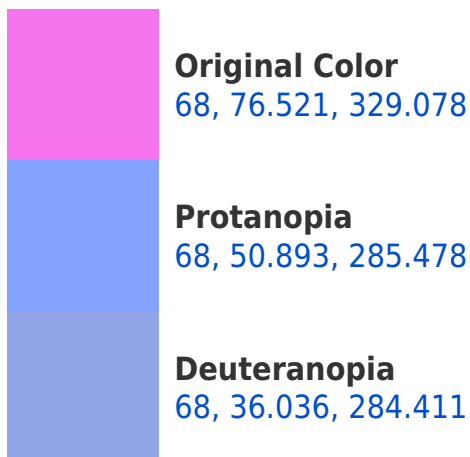


This preview shows how white text looks on a background with the CIELCh color 68, 76.521, 329.078.

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, 39.951, 16.010

Trichromacy



Original Color
68, 76.521, 329.078



Protanomaly
67, 57.647, 303.668



Deuteranomaly
67, 49.093, 308.286



Tritanomaly
68, 48.676, 350.741

Monochromacy



Original Color
68, 76.521, 329.078



Achromatopsia
69, 0.009, 296.813



Achromatomaly
67, 29.666, 327.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 76.521, 329.078 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(246, 115, 238)` looks like.

```
.text, #text, p{  
    color:rgb(246, 115, 238)  
}
```

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(246, 115, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 115, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 76.521, 329.078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

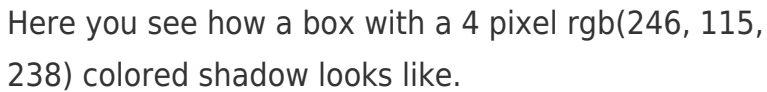
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 115, 238) }
```

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

```
.border{ border-color:rgb(246, 115, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 115, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 115, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 115, 238); box-shadow:4px 4px 4px 4px rgb(246, 115, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 76.521, 329.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 115, 238) }
```

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

```
.background{ background-color: rgb(246,  
115, 238) }
```

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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