

Converting Colors

CIELCh(69, 61.668, 333.994)

Have a look what the booklet for
CIELCh(69, 61.668, 333.994)
contains.

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Color

CIELCh(69, 61.303, 334.098)

Conversions

Conversions Part 1

Format	Color
Hex	F280DA
RGB	242, 128, 218
RGB Percent	95%, 50%, 85%
CMY	0.0513, 0.4983, 0.1454
CMYK	0.00, 0.47, 0.10, 0.05
HSL	313°, 81%, 73%
HSV	313°, 47%, 95%
XYZ	56.9502, 39.3444, 70.8758
YIQ	172.3460, 39.0540, 52.1580

Conversions

Conversions Part 2

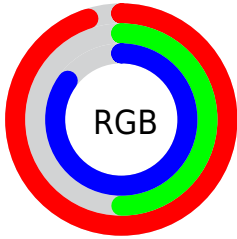
Format	Color
RYB	242, 128, 218
Decimal	15892698
CIELab	69.00, 55.14, -26.78
CIElCh	69, 61.303, 334.098
Yxy	39.3444, 0.3407, 0.2354
Android (android.graphics.Color)	4294082778 (0xFFFF280DA)
YUV	172.3460, 22.5074, 61.0866
Hunter-Lab	62.7251, 52.2971, -23.0868

Details

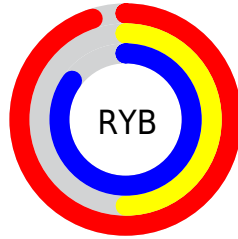
The CIELCh color **69, 61.303, 334.098** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87, 61.292, 146.708**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 44.490, 325.965**, and **49, 61.650, 334.137** is the 20% darker color. If you saturate the color by 10%, you get **65, 72.420, 334.863**, and if you desaturate by 10%, it is **74, 48.973, 333.367**.

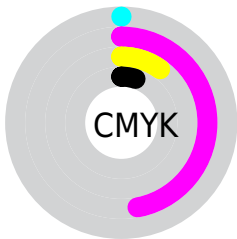
Distribution



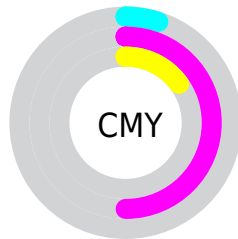
- Red (95%)
- Green (50%)
- Blue (85%)



- Red (95%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 61.303, 334.098 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, 61.303, 334.098 by changing the saturation by 10% instead.

 69, 61.303,
334.098


 69, 61.303,
334.098


 100, 61.303,
334.098

 59, 61.303,
334.098


 89, 61.303,
334.098

 49, 61.303,
334.098

 99, 61.303,
334.098

 39, 61.303,
334.098

 29, 61.303,
334.098

 19, 61.303,
334.098

 9, 61.303, 334.098

 0, 61.303, 334.098

69, 61.303,
334.098

69, 61.303,
334.098

65, 72.420,
334.863

74, 48.973,
333.367

61, 81.728,
335.674

79, 35.962,
332.662

58, 88.632,
336.555

85, 22.666,
331.980

56, 92.729,
337.542

91, 9.369, 331.308

97, 3.746, 150.820

55, 94.022,
338.679

99, 5.666, 163.421

55, 94.114,
339.027

99, 4.585, 190.211

99, 4.506, 199.267

Harmonies

Complementary

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



69, 61.303, 334.098



87, 61.292, 146.708

Rectangle

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



69, 61.303, 334.098



69, 61.303, 24.098



69, 61.303, 154.098



69, 61.303, 204.098

Sweetspot

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



69, 61.300, 334.098



91, 19.319, 331.774



60, 64.587, 302.438



47, 13.352, 331.919



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, 61.300, 334.098



68, 75.411, 334.866



67, 47.274, 2.176



47, 7.436, 331.468



42, 76.730, 338.798



9, 34.233, 337.033

Inverse Universe

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



69, 61.300, 334.098



68, 75.411, 334.866



88, 40.997, 170.884



47, 7.436, 331.468



42, 76.730, 338.798



9, 34.233, 337.033

Previews

White Background



This preview shows how the CIELCh color 69, 61.303, 334.098 looks on a white background.

Color Contrast Check

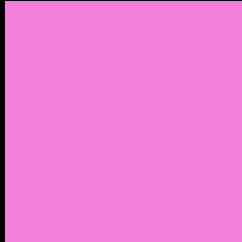
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 61.303, 334.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

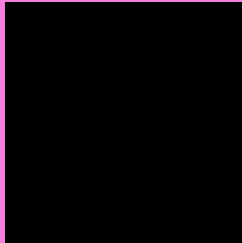
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 61.303, 334.098

Background



This preview shows how black text looks on a background with the CIELCh color 69, 61.303, 334.098.

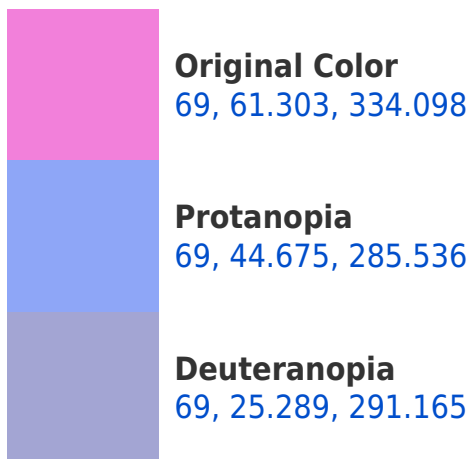


This preview shows how white text looks on a background with the CIELCh color 69, 61.303, 334.098.

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, 37.690, 14.388

Trichromacy



Original Color
69, 61.303, 334.098



Protanomaly
68, 47.200, 304.636



Deuteranomaly
68, 36.913, 315.222



Tritanomaly
69, 43.440, 354.581

Monochromacy



Original Color
69, 61.303, 334.098



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 23.604, 331.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 61.303, 334.098 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(242, 128, 218)` looks like.

```
.text, #text, p{  
    color:rgb(242, 128, 218)  
}
```

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(242, 128, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 128, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 61.303, 334.098 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(242, 128, 218) }
```

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

```
.border{ border-color:rgb(242, 128, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 128, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 128, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 128, 218);  
box-shadow:4px 4px 4px 4px rgb(242, 128,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 61.303, 334.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 128, 218) }
```

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

```
.background{ background-color: rgb(242,  
128, 218) }
```

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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