

Converting Colors

CIELCh(69, 61.253, 334.558)

Have a look what the booklet for
CIELCh(69, 61.253, 334.558)
contains.

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Color

CIELCh(69, 61.124, 334.748)

Conversions

Conversions Part 1

Format	Color
Hex	F380D9
RGB	243, 128, 217
RGB Percent	95%, 50%, 85%
CMY	0.0484, 0.4992, 0.1503
CMYK	0.00, 0.47, 0.11, 0.05
HSL	314°, 82%, 73%
HSV	314°, 47%, 95%
XYZ	57.0063, 39.3444, 70.0161
YIQ	172.5310, 39.9710, 52.0590

Conversions

Conversions Part 2

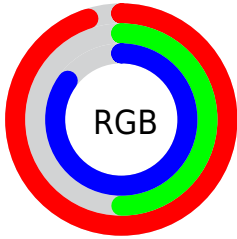
Format	Color
R _Y B	243, 128, 217
Decimal	15958233
CIE Lab	69.00, 55.28, -26.08
CIE LCh	69, 61.124, 334.748
Yxy	39.3444, 0.3427, 0.2365
Android (android.graphics.Color)	4294148313 (0xFFFF380D9)
YUV	172.5310, 21.9232, 61.8013
Hunter-Lab	62.7251, 52.4567, -22.2742

Details

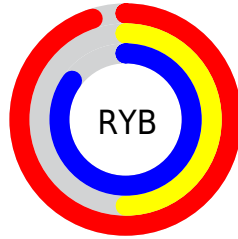
The CIELCh color **69, 61.124, 334.748** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87, 61.050, 147.195**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 44.490, 325.965**, and **49, 61.426, 334.833** is the 20% darker color. If you saturate the color by 10%, you get **65, 72.122, 335.548**, and if you desaturate by 10%, it is **74, 48.908, 333.991**.

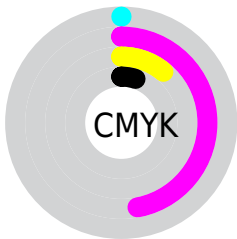
Distribution



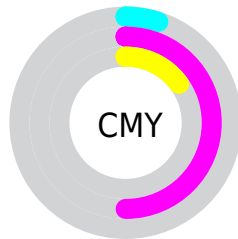
- Red (95%)
- Green (50%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (47%)
- Yellow (11%)
- Black (5%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 61.124, 334.748 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, 61.124, 334.748 by changing the saturation by 10% instead.

 69, 61.124,
334.748


 69, 61.124,
334.748


 100, 61.124,
334.748

 59, 61.124,
334.748

 89, 61.124,
334.748

 49, 61.124,
334.748

 99, 61.124,
334.748

 39, 61.124,
334.748

 29, 61.124,
334.748

 19, 61.124,
334.748

 9, 61.124, 334.748

 0, 61.124, 334.748

69, 61.124,
334.748

69, 61.124,
334.748

65, 72.122,
335.548

74, 48.908,
333.991

61, 81.301,
336.407

79, 36.008,
333.267

58, 88.069,
337.354

85, 22.821,
332.570

56, 92.024,
338.430

91, 9.632, 331.887

97, 3.377, 151.401

55, 93.189,
339.683

99, 5.132, 166.758

55, 93.255,
340.031

99, 4.257, 199.291

Harmonies

Complementary

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



69, 61.124, 334.748



87, 61.050, 147.195

Rectangle

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



69, 61.124, 334.748



69, 61.124, 24.748



69, 61.124, 154.748



69, 61.124, 204.748

Sweetspot

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



69, 61.121, 334.748



91, 19.109, 332.342



60, 65.160, 302.950



47, 13.207, 332.489



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, 61.121, 334.748



68, 74.641, 335.529



67, 47.473, 3.457



48, 7.483, 332.032



42, 76.639, 339.790



10, 34.830, 337.928

Inverse Universe

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



69, 61.121, 334.748



68, 74.641, 335.529



89, 40.735, 172.049



48, 7.483, 332.032



42, 76.639, 339.790



10, 34.830, 337.928

Previews

White Background



This preview shows how the CIELCh color 69, 61.124, 334.748 looks on a white background.

Color Contrast Check

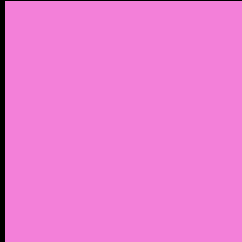
Large Text (above 18pt) WCAG AA × Fail

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, 61.124, 334.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

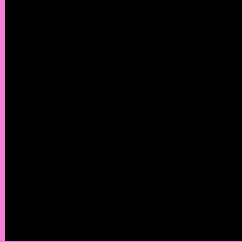
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 61.124, 334.748

Background



This preview shows how black text looks on a background with the CIELCh color 69, 61.124, 334.748.



This preview shows how white text looks on a background with the CIELCh color 69, 61.124, 334.748.

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



Original Color
69, 61.124, 334.748

Protanopia
69, 44.109, 285.702

Deuteranopia
69, 24.740, 291.849



Tritanopia
69, 37.708, 15.207

Trichromacy



Original Color
69, 61.124, 334.748



Protanomaly
68, 46.718, 305.127



Deuteranomaly
68, 36.698, 316.599



Tritanomaly
69, 43.258, 355.247

Monochromacy



Original Color
69, 61.124, 334.748



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 23.444, 333.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 61.124, 334.748 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(243, 128, 217)` looks like.

```
.text, #text, p{  
    color:rgb(243, 128, 217)  
}
```

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(243, 128, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 128, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 61.124, 334.748 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(243, 128, 217) }
```

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

```
.border{ border-color:rgb(243, 128, 217) }
```

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

Here you see how a box with a 4 pixel rgb(243, 128, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 128, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 128, 217);  
box-shadow:4px 4px 4px 4px rgb(243, 128,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 61.124, 334.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 128, 217) }
```

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

```
.background{ background-color: rgb(243,  
128, 217) }
```

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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