

Converting Colors

CIELCh(69, 48.083, 342.474)

Have a look what the booklet for
CIELCh(69, 48.083, 342.474)
contains.

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Color

CIELCh(69, 48.094, 342.383)

Conversions

Conversions Part 1

Format	Color
Hex	EC88C4
RGB	236, 136, 196
RGB Percent	93%, 53%, 77%
CMY	0.0752, 0.4673, 0.2320
CMYK	0.00, 0.42, 0.17, 0.08
HSL	324°, 72%, 73%
HSV	324°, 42%, 92%
XYZ	53.2609, 39.3444, 56.9138
YIQ	172.7400, 40.3400, 39.8600

Conversions

Conversions Part 2

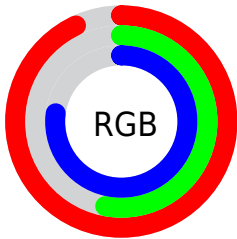
Format	Color
R _Y B	236, 136, 196
Decimal	15501508
CIE Lab	69.00, 45.84, -14.56
CIE LCh	69, 48.094, 342.383
Yxy	39.3444, 0.3562, 0.2631
Android (android.graphics.Color)	4293691588 (0xFFEC88C4)
YUV	172.7400, 11.4672, 55.4790
Hunter-Lab	62.7251, 41.7983, -9.8893

Details

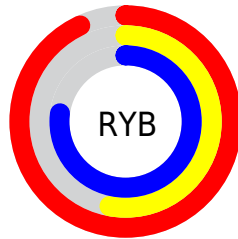
The CIELCh color **69, 48.094, 342.383** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86, 46.858, 154.579**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 39.298, 326.684**, and **49, 47.978, 342.427** is the 20% darker color. If you saturate the color by 10%, you get **64, 58.462, 343.563**, and if you desaturate by 10%, it is **74, 36.971, 341.346**.

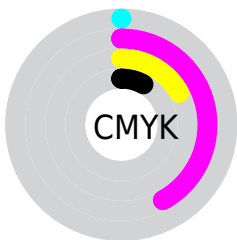
Distribution



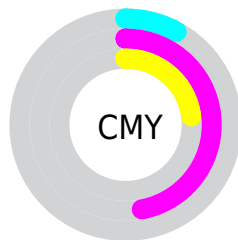
- Red (93%)
- Green (53%)
- Blue (77%)



- Red (93%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (42%)
- Yellow (17%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 48.094, 342.383 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, 48.094, 342.383 by changing the saturation by 10% instead.

 69, 48.094,
342.383

 69, 48.094,
342.383

 100, 48.094,
342.383

 59, 48.094,
342.383

 89, 48.094,
342.383

 49, 48.094,
342.383

 99, 48.094,
342.383

 39, 48.094,
342.383

 29, 48.094,
342.383

 19, 48.094,
342.383

 9, 48.094, 342.383

 0, 48.094, 342.383

69, 48.094,
342.383

69, 48.094,
342.383

64, 58.462,
343.563

74, 36.971,
341.346

60, 67.550,
344.938

80, 25.519,
340.412

56, 74.765,
346.586

86, 14.028,
339.555

54, 79.597,
348.614

92, 2.688, 338.653

98, 8.386, 158.143

52, 81.827,
351.149

99, 6.753, 187.881

52, 82.151,
353.431

99, 6.573, 199.090

Harmonies

Complementary

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



69, 48.094, 342.383



86, 46.858, 154.579

Rectangle

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



69, 48.094, 342.383



69, 48.094, 32.383



69, 48.094, 162.383



69, 48.094, 212.383

Sweetspot

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



69, 48.091, 342.384



92, 15.683, 339.610



64, 57.071, 307.530



48, 10.994, 339.796



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, 48.091, 342.384



70, 60.785, 343.415



68, 40.750, 15.032



46, 6.385, 339.311



39, 67.595, 352.844



8, 29.817, 348.020

Inverse Universe

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



69, 48.091, 342.384



70, 60.785, 343.415



87, 32.243, 186.283



46, 6.385, 339.311



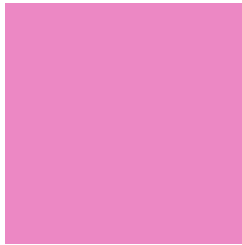
39, 67.595, 352.844



8, 29.817, 348.020

Previews

White Background



This preview shows how the CIELCh color 69, 48.094, 342.383 looks on a white background.

Color Contrast Check

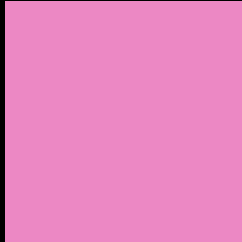
Large Text (above 18pt) WCAG AA × Fail

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, 48.094, 342.383 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, 48.094, 342.383

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.094, 342.383.



This preview shows how white text looks on a background with the CIELCh color 69, 48.094, 342.383.

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, 35.209, 13.425

Trichromacy



Original Color
69, 48.094, 342.383



Protanomaly
69, 31.004, 311.851



Deuteranomaly
69, 26.578, 328.309

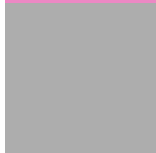


Tritanomaly
69, 38.495, 359.676

Monochromacy



Original Color
69, 48.094, 342.383



Achromatopsia
71, 0.009, 296.813



Achromatomaly
69, 18.403, 340.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.094, 342.383 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(236, 136, 196)` looks like.

```
.text, #text, p{  
    color:rgb(236, 136, 196)  
}
```

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(236, 136, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 136, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.094, 342.383 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(236, 136, 196) }
```

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

```
.border{ border-color:rgb(236, 136, 196) }
```

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

Here you see how a box with a 4 pixel rgb(236, 136, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 136, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 136, 196);  
box-shadow:4px 4px 4px 4px rgb(236, 136,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.094, 342.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 136, 196) }
```

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

```
.background{ background-color: rgb(236,  
136, 196) }
```

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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