

Converting Colors

CIELCh(70, 49.438, 334.720)

Have a look what the booklet for
CIELCh(70, 49.438, 334.720)
contains.

CIELCh(70, 49.478, 334.681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 49.478, 334.681)

Conversions

Conversions Part 1

Format	Color
Hex	E88CD2
RGB	232, 140, 210
RGB Percent	91%, 55%, 82%
CMY	0.0887, 0.4496, 0.1750
CMYK	0.00, 0.40, 0.09, 0.09
HSL	314°, 67%, 73%
HSV	314°, 40%, 91%
XYZ	54.5098, 40.7494, 66.2039
YIQ	175.4880, 32.3620, 41.2740

Conversions

Conversions Part 2

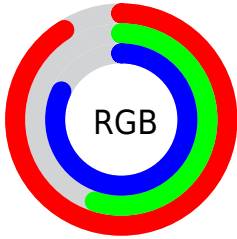
Format	Color
RYB	232, 140, 210
Decimal	15240402
CIELab	70.00, 44.73, -21.16
CIELCh	70, 49.478, 334.681
Yxy	40.7494, 0.3376, 0.2524
Android (android.graphics.Color)	4293430482 (0xFFE88CD2)
YUV	175.4880, 17.0144, 49.5610
Hunter-Lab	63.8353, 40.7118, -16.8053

Details

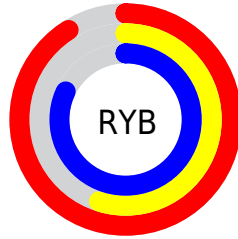
The CIELCh color `70, 49.478, 334.681` is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be `85, 49.205, 148.584`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 37.631, 325.731`, and `50, 49.502, 334.947` is the 20% darker color. If you saturate the color by 10%, you get `65, 60.970, 335.469`, and if you desaturate by 10%, it is `75, 37.229, 333.935`.

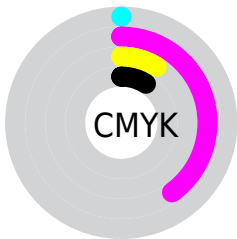
Distribution



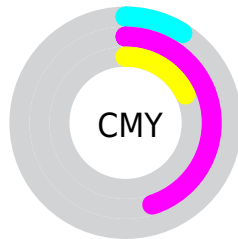
- Red (91%)
- Green (55%)
- Blue (82%)



- Red (91%)
- Yellow (55%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 49.478, 334.681 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 70, 49.478, 334.681 by changing the saturation by 10% instead.


 70, 49.478,
334.681

 70, 49.478,
334.681


 100, 49.478,
334.681


 60, 49.478,
334.681


 90, 49.478,
334.681

 50, 49.478,
334.681

 40, 49.478,
334.681

 30, 49.478,
334.681

 20, 49.478,
334.681

 10, 49.478,
334.681

 0, 49.478, 334.681

70, 49.478,
334.681

70, 49.478,
334.681

65, 60.970,
335.469

75, 37.229,
333.935

61, 71.191,
336.309

81, 24.642,
333.221

58, 79.544,
337.225

86, 12.006,
332.529

55, 85.484,
338.251

92, 0.485, 152.653

53, 88.683,
339.437

98, 11.768,
151.977

52, 89.418,
340.817

98, 9.820, 163.025

98, 8.378, 178.559

52, 89.431,
340.874

98, 7.732, 198.392

98, 7.728, 199.002

Harmonies

Complementary

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



70, 49.478, 334.681



85, 49.205, 148.584

Rectangle

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



70, 49.478, 334.681



70, 49.478, 24.681



70, 49.478, 154.681



70, 49.478, 204.681

Sweetspot

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



70, 49.475, 334.681



92, 16.207, 332.699



64, 51.934, 302.576



48, 10.759, 332.789



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 49.475, 334.681



72, 63.801, 335.359



69, 37.988, 3.205



46, 7.158, 332.520



41, 74.390, 340.619



8, 32.673, 338.399

Inverse Universe

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



70, 49.475, 334.681



72, 63.801, 335.359



86, 33.179, 174.262



46, 7.158, 332.520



41, 74.390, 340.619



8, 32.673, 338.399

Previews

White Background



This preview shows how the CIELCh color 70, 49.478, 334.681 looks on a white background.

Color Contrast Check

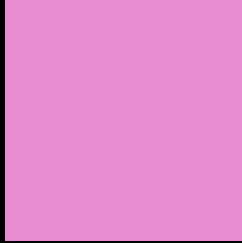
Large Text (above 18pt) WCAG AA × Fail

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 70, 49.478, 334.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

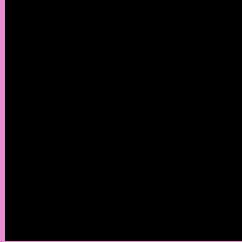
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 49.478, 334.681

Background



This preview shows how black text looks on a background with the CIELCh color 70, 49.478, 334.681.

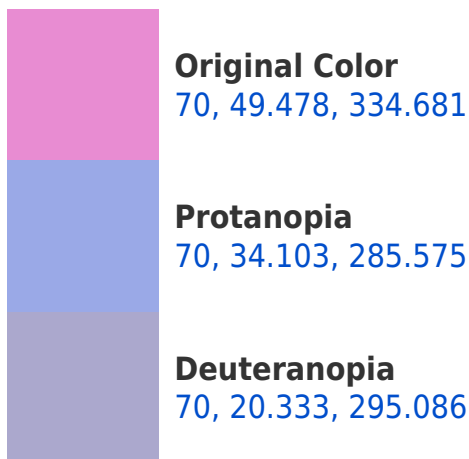


This preview shows how white text looks on a background with the CIELCh color 70, 49.478, 334.681.

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
70, 31.004, 11.550

Trichromacy



Original Color
70, 49.478, 334.681



Protanomaly
70, 36.195, 306.278



Deuteranomaly
70, 29.679, 317.190

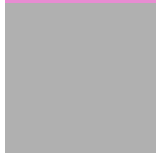


Tritanomaly
70, 35.966, 353.532

Monochromacy



Original Color
70, 49.478, 334.681



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 18.618, 334.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 49.478, 334.681 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(232, 140, 210)` looks like.

```
.text, #text, p{  
    color:rgb(232, 140, 210)  
}
```

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(232, 140, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 140, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 49.478, 334.681 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(232, 140, 210) }
```

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

```
.border{ border-color:rgb(232, 140, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 140, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 140, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 140, 210);  
box-shadow:4px 4px 4px 4px rgb(232, 140,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 49.478, 334.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 140, 210) }
```

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

```
.background{ background-color: rgb(232,  
140, 210) }
```

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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