

Converting Colors

CIELCh(70, 48.444, 340.109)

Have a look what the booklet for
CIELCh(70, 48.444, 340.109)
contains.

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Color

CIELCh(70, 48.444, 340.109)

Conversions

Conversions Part 1

Format	Color
Hex	ED8BCA
RGB	237, 139, 202
RGB Percent	93%, 55%, 79%
CMY	0.0705, 0.4548, 0.2077
CMYK	0.00, 0.41, 0.15, 0.07
HSL	321°, 73%, 74%
HSV	321°, 41%, 93%
XYZ	54.8367, 40.7494, 60.8709
YIQ	175.4840, 38.1850, 40.3690

Conversions

Conversions Part 2

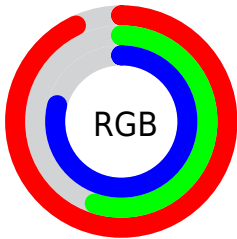
Format	Color
R _Y B	237, 139, 202
Decimal	15567818
CIE Lab	70.00, 45.55, -16.48
CIE LCh	70, 48.444, 340.109
Yxy	40.7494, 0.3505, 0.2605
Android (android.graphics.Color)	4293757898 (0xFFED8BCA)
YUV	175.4840, 13.0724, 53.9495
Hunter-Lab	63.8353, 41.6258, -11.8521

Details

The CIELCh color `70, 48.444, 340.109` is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be `87, 47.551, 152.874`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 38.257, 325.753`, and `50, 48.420, 339.928` is the 20% darker color. If you saturate the color by 10%, you get `65, 59.182, 341.165`, and if you desaturate by 10%, it is `75, 36.952, 339.164`.

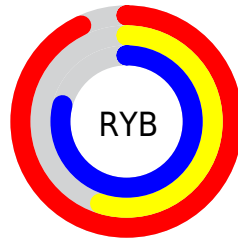
Distribution



Red (93%)

Green (55%)

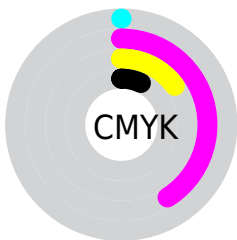
Blue (79%)



Red (93%)

Yellow (55%)

Blue (79%)

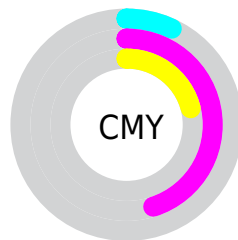


Cyan (0%)

Magenta (41%)

Yellow (15%)

Black (7%)



Cyan (7%)


Magenta (45%)


Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 48.444, 340.109 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, 48.444, 340.109 by changing the saturation by 10% instead.


 70, 48.444,
340.109

 70, 48.444,
340.109

 100, 48.444,
340.109


 60, 48.444,
340.109


 90, 48.444,
340.109

 50, 48.444,
340.109

 40, 48.444,
340.109

 30, 48.444,
340.109

 20, 48.444,
340.109

 10, 48.444,
340.109

 0, 48.444, 340.109

70, 48.444,
340.109

70, 48.444,
340.109

65, 59.182,
341.165

75, 36.952,
339.164

61, 68.642,
342.369

81, 25.132,
338.299

57, 76.221,
343.783

87, 13.272,
337.494

55, 81.383,
345.490

93, 1.563, 336.531

98, 8.346, 158.513

53, 83.859,
347.595

99, 6.306, 188.986

52, 84.196,
349.772

99, 6.167, 199.122

Harmonies

Complementary

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



70, 48.444, 340.109



87, 47.551, 152.874

Rectangle

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



70, 48.444, 340.109



70, 48.444, 30.109



70, 48.444, 160.109



70, 48.444, 210.109

Sweetspot

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



70, 48.441, 340.110



92, 14.905, 337.549



65, 55.667, 306.402



48, 9.897, 337.653



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, 48.441, 340.110



70, 61.304, 341.037



69, 39.785, 12.298



46, 6.581, 337.345



40, 69.033, 349.271



8, 30.479, 345.220

Inverse Universe

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



70, 48.441, 340.110



70, 61.304, 341.037



88, 32.323, 183.432



46, 6.581, 337.345



40, 69.033, 349.271



8, 30.479, 345.220

Previews

White Background



This preview shows how the CIELCh color 70, 48.444, 340.109 looks on a white background.

Color Contrast Check

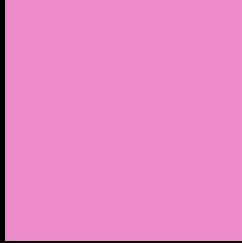
Large Text (above 18pt) WCAG AA × Fail

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, 48.444, 340.109 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, 48.444, 340.109

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.444, 340.109.



This preview shows how white text looks on a background with the CIELCh color 70, 48.444, 340.109.

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, 33.853, 12.837

Trichromacy



Original Color
70, 48.444, 340.109



Protanomaly
70, 32.253, 309.720



Deuteranomaly
70, 27.410, 324.914

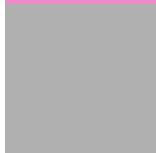


Tritanomaly
70, 37.466, 357.903

Monochromacy



Original Color
70, 48.444, 340.109



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 17.772, 338.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.444, 340.109 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(237, 139, 202)` looks like.

```
.text, #text, p{  
    color:rgb(237, 139, 202)  
}
```

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(237, 139, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 139, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.444, 340.109 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(237, 139, 202) }
```

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

```
.border{ border-color:rgb(237, 139, 202) }
```

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

Here you see how a box with a 4 pixel rgb(237, 139, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 139, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 139, 202);  
box-shadow:4px 4px 4px 4px rgb(237, 139,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.444, 340.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 139, 202) }
```

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

```
.background{ background-color: rgb(237,  
139, 202) }
```

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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