

Converting Colors

CIELCh(70, 41.121, 357.455)

Have a look what the booklet for
CIELCh(70, 41.121, 357.455)
contains.

CIELCh(70, 40.923, 357.387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 40.923, 357.387)

Conversions

Conversions Part 1

Format	Color
Hex	EF8EB0
RGB	239, 142, 176
RGB Percent	94%, 56%, 69%
CMY	0.0634, 0.4437, 0.3104
CMYK	0.00, 0.41, 0.26, 0.06
HSL	339°, 75%, 75%
HSV	339°, 41%, 94%
XYZ	53.0103, 40.7494, 46.0652
YIQ	174.8790, 46.8980, 31.1380

Conversions

Conversions Part 2

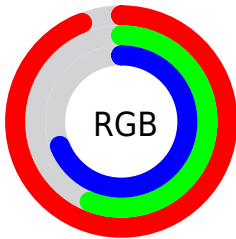
Format	Color
R_{YB}	239, 142, 176
Decimal	15699632
CIE _{Lab}	70.00, 40.88, -1.87
CIE _{LCh}	70, 40.923, 357.387
Yxy	40.7494, 0.3791, 0.2914
Android (android.graphics.Color)	4293889712 (0xFFEF8EB0)
YUV	174.8790, 0.5527, 56.2341
Hunter-Lab	63.8353, 36.5187, 1.8995

Details

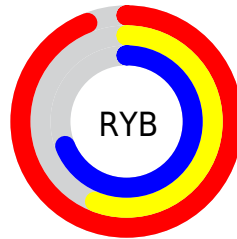
The CIELCh color **70, 40.923, 357.387** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **88, 37.031, 168.293**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 27.682, 340.285**, and **50, 41.229, 356.956** is the 20% darker color. If you saturate the color by 10%, you get **65, 50.888, 359.203**, and if you desaturate by 10%, it is **76, 30.642, 355.890**.

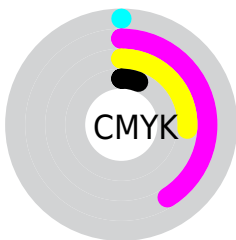
Distribution



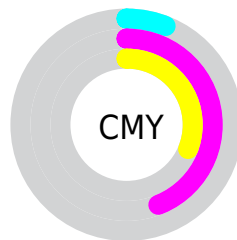
- Red (94%)
- Green (56%)
- Blue (69%)



- Red (94%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (44%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 40.923, 357.387 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, 40.923, 357.387 by changing the saturation by 10% instead.


 70, 40.923,
357.387


 70, 40.923,
357.387


 100, 40.923,
357.387


 60, 40.923,
357.387


 90, 40.923,
357.387

 50, 40.923,
357.387

 40, 40.923,
357.387

 30, 40.923,
357.387

 20, 40.923,
357.387

 10, 40.923,
357.387

 0, 40.923, 357.387

70, 40.923,
357.387

70, 40.923,
357.387

65, 50.888,
359.203

76, 30.642,
355.890

60, 60.113, 1.450

82, 20.371,
354.621

56, 68.098, 4.285

88, 10.313,
353.510

54, 74.418, 7.891

52, 78.941, 12.421

94, 0.584, 351.711

51, 82.040, 17.419

99, 5.646, 190.865

99, 5.559, 199.172

Harmonies

Complementary

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



70, 40.923, 357.387



88, 37.031, 168.293

Rectangle

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



70, 40.923, 357.387



70, 40.923, 47.387



70, 40.923, 177.387



70, 40.923, 227.387

Sweetspot

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



70, 40.920, 357.389



92, 12.336, 353.663



68, 56.775, 315.369



48, 8.201, 353.804



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, 40.920, 357.389



70, 52.010, 358.919



72, 35.909, 33.526



47, 5.530, 353.391



39, 67.104, 16.396



8, 28.759, 7.038

Inverse Universe

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



70, 40.920, 357.389



70, 52.010, 358.919



85, 26.460, 212.799



47, 5.530, 353.391



39, 67.104, 16.396



8, 28.759, 7.038

Previews

White Background



This preview shows how the CIELCh color 70, 40.923, 357.387 looks on a white background.

Color Contrast Check

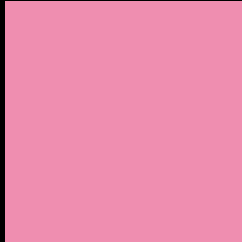
Large Text (above 18pt) WCAG AA × Fail

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, 40.923, 357.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

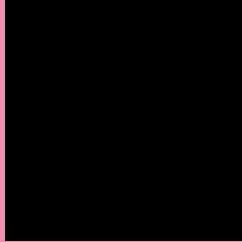
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 40.923, 357.387

Background



This preview shows how black text looks on a background with the CIELCh color 70, 40.923, 357.387.

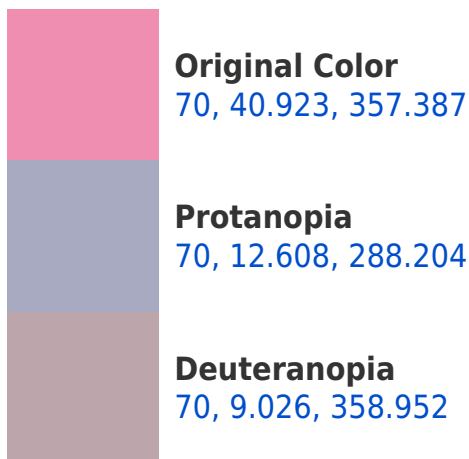


This preview shows how white text looks on a background with the CIELCh color 70, 40.923, 357.387.

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, 37.160, 14.159

Trichromacy



Original Color
70, 40.923, 357.387



Protanomaly
70, 19.463, 331.823



Deuteranomaly
70, 20.710, 356.603



Tritanomaly
70, 38.155, 8.005

Monochromacy



Original Color
70, 40.923, 357.387



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 14.876, 354.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 40.923, 357.387 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(239, 142, 176)` looks like.

```
.text, #text, p{  
    color:rgb(239, 142, 176)  
}
```

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(239, 142, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 142, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 40.923, 357.387 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(239, 142, 176) }
```

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

```
.border{ border-color:rgb(239, 142, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 142, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 142, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 142, 176);  
box-shadow:4px 4px 4px 4px rgb(239, 142,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 40.923, 357.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 142, 176) }
```

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

```
.background{ background-color: rgb(239,  
142, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor