

Converting Colors

CIELCh(69, 40.267, 345.106)

Have a look what the booklet for
CIELCh(69, 40.267, 345.106)
contains.

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Color

CIELCh(69, 40.153, 345.369)

Conversions

Conversions Part 1

Format	Color
Hex	E48EBC
RGB	228, 142, 188
RGB Percent	89%, 56%, 74%
CMY	0.1069, 0.4441, 0.2637
CMYK	0.00, 0.38, 0.18, 0.11
HSL	328°, 61%, 72%
HSV	328°, 38%, 89%
XYZ	50.5981, 39.3444, 52.3634
YIQ	172.9580, 36.4900, 32.5380

Conversions

Conversions Part 2

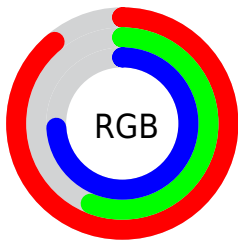
Format	Color
R _Y B	228, 142, 188
Decimal	14978748
CIE _{Lab}	69.00, 38.85, -10.14
CIE _{LCh}	69, 40.153, 345.369
Yxy	39.3444, 0.3556, 0.2765
Android (android.graphics.Color)	4293168828 (0xFFE48EBC)
YUV	172.9580, 7.4157, 48.2718
Hunter-Lab	62.7251, 34.2206, -5.5882

Details

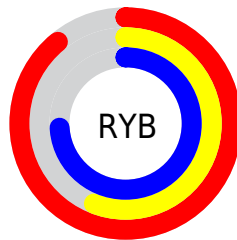
The CIELCh color $69, 40.153, 345.369$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $84, 38.682, 158.192$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 31.942, 331.607$, and $49, 40.085, 345.276$ is the 20% darker color. If you saturate the color by 10%, you get $64, 50.327, 346.631$, and if you desaturate by 10%, it is $74, 29.521, 344.271$.

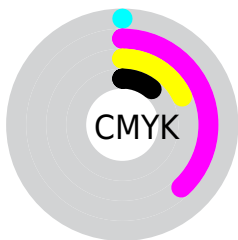
Distribution



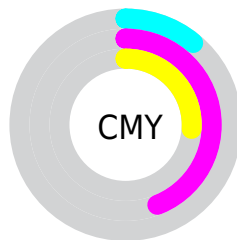
- Red (89%)
- Green (56%)
- Blue (74%)



- Red (89%)
- Yellow (56%)
- Blue (74%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (44%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 40.153, 345.369 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, 40.153, 345.369 by changing the saturation by 10% instead.


 69, 40.153,
345.369


 69, 40.153,
345.369


 100, 40.153,
345.369


 59, 40.153,
345.369


 89, 40.153,
345.369

 49, 40.153,
345.369

 99, 40.153,
345.369

 39, 40.153,
345.369

 29, 40.153,
345.369

 19, 40.153,
345.369

 9, 40.153, 345.369

 0, 40.153, 345.369

69, 40.153,
345.369

69, 40.153,
345.369

64, 50.327,
346.631

74, 29.521,
344.271

60, 59.601,
348.116

80, 18.769,
343.292

56, 67.430,
349.912

86, 8.113, 342.388

53, 73.278,
352.138

92, 2.312, 161.834

51, 76.790,
354.945

98, 12.062,
161.520

50, 78.079,
358.460

98, 9.556, 187.449

49, 78.260,
359.305

98, 9.271, 198.891

Harmonies

Complementary

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



69, 40.153, 345.369



84, 38.682, 158.192

Rectangle

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



69, 40.153, 345.369



69, 40.153, 35.369



69, 40.153, 165.369



69, 40.153, 215.369

Sweetspot

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



69, 40.150, 345.370



93, 12.665, 342.684



65, 49.460, 309.343



49, 8.522, 342.806



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, 40.150, 345.370



72, 52.149, 346.302



68, 35.093, 19.248



45, 5.993, 342.541



38, 65.351, 358.616



7, 27.989, 352.336

Inverse Universe

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



69, 40.150, 345.370



72, 52.149, 346.302



85, 27.576, 192.808



45, 5.993, 342.541



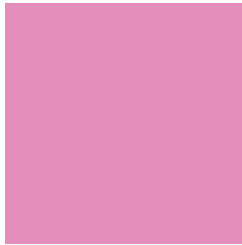
38, 65.351, 358.616



7, 27.989, 352.336

Previews

White Background



This preview shows how the CIELCh color 69, 40.153, 345.369 looks on a white background.

Color Contrast Check

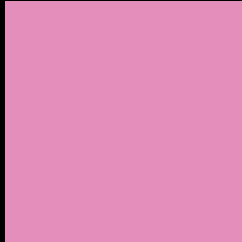
Large Text (above 18pt) WCAG AA × Fail

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, 40.153, 345.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

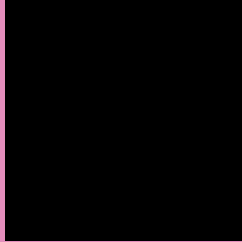
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.153, 345.369

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.153, 345.369.



This preview shows how white text looks on a background with the CIELCh color 69, 40.153, 345.369.

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, 40.153, 345.369

Protanopia
69, 20.379, 286.448

Deuteranopia
69, 12.199, 316.170



Tritanopia
69, 31.114, 11.618

Trichromacy



Original Color
69, 40.153, 345.369



Protanomaly
69, 24.141, 315.785



Deuteranomaly
69, 21.794, 334.671

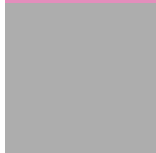


Tritanomaly
69, 33.415, 0.115

Monochromacy



Original Color
69, 40.153, 345.369



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 14.638, 344.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.153, 345.369 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(228, 142, 188)` looks like.

```
.text, #text, p{  
    color:rgb(228, 142, 188)  
}
```

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(228, 142, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 142, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.153, 345.369 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(228, 142, 188) }
```

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

```
.border{ border-color:rgb(228, 142, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 142, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 142, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 142, 188);  
box-shadow:4px 4px 4px 4px rgb(228, 142,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.153, 345.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 142, 188) }
```

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

```
.background{ background-color: rgb(228,  
142, 188) }
```

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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