

Converting Colors

CIELCh(71, 40.539, 336.191)

Have a look what the booklet for
CIELCh(71, 40.539, 336.191)
contains.

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Color

CIELCh(71, 40.509, 336.180)

Conversions

Conversions Part 1

Format	Color
Hex	E295CC
RGB	226, 149, 204
RGB Percent	89%, 58%, 80%
CMY	0.1124, 0.4145, 0.1988
CMYK	0.00, 0.34, 0.10, 0.11
HSL	317°, 57%, 74%
HSV	317°, 34%, 89%
XYZ	53.1991, 42.1875, 62.6640
YIQ	178.2930, 28.2370, 33.4290

Conversions

Conversions Part 2

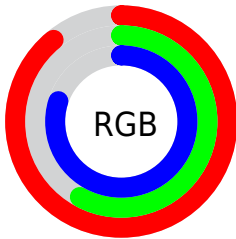
Format	Color
R _Y B	226, 149, 204
Decimal	14849484
CIE Lab	71.00, 37.06, -16.36
CIE LCh	71, 40.509, 336.180
Yxy	42.1875, 0.3366, 0.2669
Android (android.graphics.Color)	4293039564 (0xFFE295CC)
YUV	178.2930, 12.6736, 41.8390
Hunter-Lab	64.9519, 32.5354, -11.7352

Details

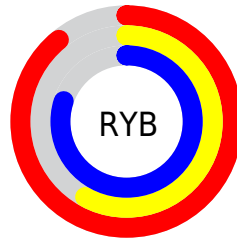
The CIELCh color **71, 40.509, 336.180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84, 40.106, 150.889**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.983, 325.537**, and **51, 40.303, 335.875** is the 20% darker color. If you saturate the color by 10%, you get **66, 51.895, 337.018**, and if you desaturate by 10%, it is **76, 28.654, 335.398**.

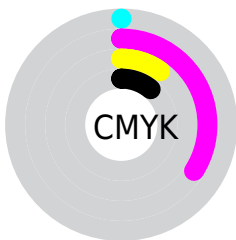
Distribution



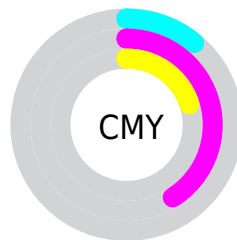
- Red (89%)
- Green (58%)
- Blue (80%)



- Red (89%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (34%)
- Yellow (10%)
- Black (11%)





- Cyan (11%)
- Magenta (41%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 40.509, 336.180 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 71, 40.509, 336.180 by changing the saturation by 10% instead.


 71, 40.509,
336.180


 71, 40.509,
336.180


 100, 40.509,
336.180


 61, 40.509,
336.180


 91, 40.509,
336.180

 51, 40.509,
336.180

 41, 40.509,
336.180

 31, 40.509,
336.180

 21, 40.509,
336.180

 11, 40.509,
336.180

 1, 40.509, 336.180

0, 40.509, 336.180

71, 40.509,
336.180

71, 40.509,
336.180

66, 51.895,
337.018

76, 28.654,
335.398

62, 62.378,
337.927

82, 16.662,
334.656

58, 71.410,
338.934

88, 4.752, 333.911

55, 78.413,
340.080

94, 6.940, 153.390

52, 82.918,
341.423

98, 13.821,
156.010

51, 84.756,
343.035

98, 11.724,
167.584

98, 10.259,

■ 50, 84.920,
344.121

183.188

■ 98, 9.735, 198.859

Harmonies

Complementary

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



71, 40.509, 336.180



84, 40.106, 150.889

Rectangle

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



71, 40.509, 336.180



71, 40.509, 26.180



71, 40.509, 156.180



71, 40.509, 206.180

Sweetspot

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



71, 40.506, 336.181



94, 13.047, 334.369



66, 43.409, 303.639



49, 8.910, 334.472



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 40.506, 336.181



75, 53.429, 336.781



70, 31.349, 5.975



44, 6.676, 334.324



39, 70.573, 343.778



7, 29.648, 340.615

Inverse Universe

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



71, 40.506, 336.181



75, 53.429, 336.781



85, 27.350, 178.714



44, 6.676, 334.324



39, 70.573, 343.778



7, 29.648, 340.615

Previews

White Background



This preview shows how the CIELCh color 71, 40.509, 336.180 looks on a white background.

Color Contrast Check

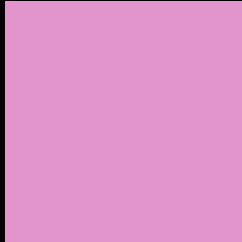
Large Text (above 18pt) WCAG AA × Fail

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 71, 40.509, 336.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

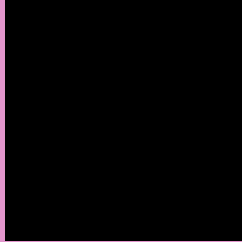
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 40.509, 336.180

Background



This preview shows how black text looks on a background with the CIELCh color 71, 40.509, 336.180.

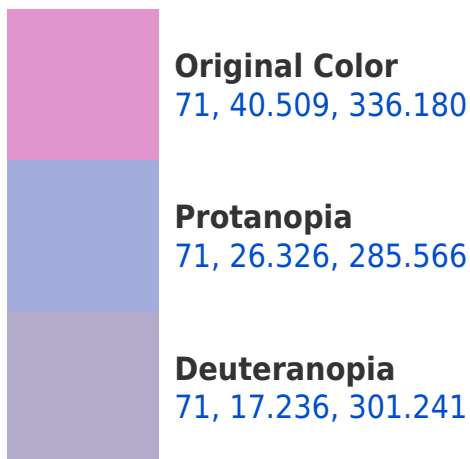


This preview shows how white text looks on a background with the CIELCh color 71, 40.509, 336.180.

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
71, 26.552, 7.940

Trichromacy



Original Color
71, 40.509, 336.180



Protanomaly
71, 28.439, 307.463



Deuteranomaly
71, 25.122, 321.189

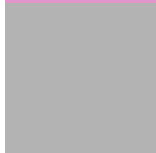


Tritanomaly
71, 30.203, 353.618

Monochromacy



Original Color
71, 40.509, 336.180



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 15.096, 334.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 40.509, 336.180 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(226, 149, 204)` looks like.

```
.text, #text, p{  
    color:rgb(226, 149, 204)  
}
```

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(226, 149, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 149, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 40.509, 336.180 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(226, 149, 204) }
```

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

```
.border{ border-color:rgb(226, 149, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 149, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 149, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 149, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 149,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 40.509, 336.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 149, 204) }
```

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

```
.background{ background-color: rgb(226,  
149, 204) }
```

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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