

Converting Colors

CIELCh(71, 40.832, 338.996)

Have a look what the booklet for
CIELCh(71, 40.832, 338.996)
contains.

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Color

CIELCh(71, 40.802, 338.983)

Conversions

Conversions Part 1

Format	Color
Hex	E594C9
RGB	229, 148, 201
RGB Percent	90%, 58%, 79%
CMY	0.1009, 0.4186, 0.2108
CMYK	0.00, 0.35, 0.12, 0.10
HSL	321°, 61%, 74%
HSV	321°, 35%, 90%
XYZ	53.5988, 42.1875, 60.7329
YIQ	178.2610, 31.2630, 33.6550

Conversions

Conversions Part 2

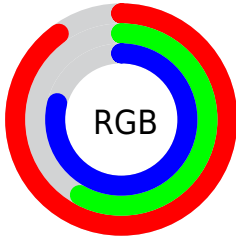
Format	Color
R _Y B	229, 148, 201
Decimal	15045833
CIE Lab	71.00, 38.09, -14.63
CIE LCh	71, 40.802, 338.983
Yxy	42.1875, 0.3424, 0.2695
Android (android.graphics.Color)	4293235913 (0xFFE594C9)
YUV	178.2610, 11.2103, 44.4981
Hunter-Lab	64.9519, 33.6337, -9.9725

Details

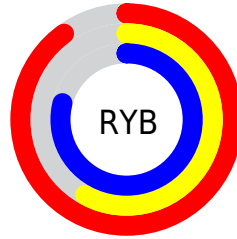
The CIELCh color $71, 40.802, 338.983$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $85, 40.138, 153.106$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $51, 40.531, 338.940$ is the 20% darker color. If you saturate the color by 10%, you get $66, 51.821, 339.944$, and if you desaturate by 10%, it is $76, 29.301, 338.109$.

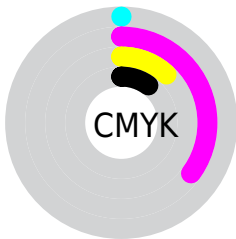
Distribution



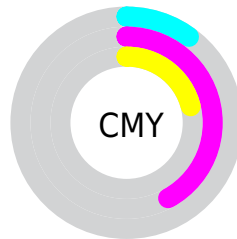
- Red (90%)
- Green (58%)
- Blue (79%)



- Red (90%)
- Yellow (58%)
- Blue (79%)



- Cyan (0%)
- Magenta (35%)
- Yellow (12%)
- Black (10%)





- Cyan (10%)
- Magenta (42%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 40.802, 338.983 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, 40.802, 338.983 by changing the saturation by 10% instead.


 71, 40.802,
338.983


 71, 40.802,
338.983


 100, 40.802,
338.983


 61, 40.802,
338.983


 91, 40.802,
338.983

 51, 40.802,
338.983

 41, 40.802,
338.983

 31, 40.802,
338.983

 21, 40.802,
338.983

 11, 40.802,
338.983

 1, 40.802, 338.983

0, 40.802, 338.983

71, 40.802,
338.983

71, 40.802,
338.983

66, 51.821,
339.944

76, 29.301,
338.109

61, 61.915,
341.018

82, 17.659,
337.298

58, 70.527,
342.250

88, 6.096, 336.511

55, 77.079,
343.705

94, 5.248, 155.955

52, 81.124,
345.469

98, 11.587,
160.355

51, 82.555,
347.645

98, 9.457, 179.363

98, 8.764, 198.927

■ 51, 82.649,
348.780

Harmonies

Complementary

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



71, 40.802, 338.983



85, 40.138, 153.106

Rectangle

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



71, 40.802, 338.983



71, 40.802, 28.983



71, 40.802, 158.983



71, 40.802, 208.983

Sweetspot

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



71, 40.799, 338.984



93, 13.763, 336.965



67, 45.845, 305.386



49, 9.257, 337.070



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, 40.799, 338.984



74, 52.551, 339.636



70, 32.729, 9.965



45, 6.515, 336.840



39, 68.753, 348.328



7, 29.717, 344.298

Inverse Universe

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



71, 40.799, 338.984



74, 52.551, 339.636



86, 27.720, 182.621



45, 6.515, 336.840



39, 68.753, 348.328



7, 29.717, 344.298

Previews

White Background



This preview shows how the CIELCh color 71, 40.802, 338.983 looks on a white background.

Color Contrast Check

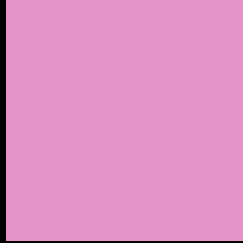
Large Text (above 18pt) WCAG AA × Fail

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, 40.802, 338.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

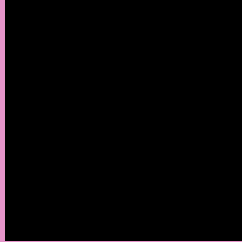
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 40.802, 338.983

Background



This preview shows how black text looks on a background with the CIELCh color 71, 40.802, 338.983.



This preview shows how white text looks on a background with the CIELCh color 71, 40.802, 338.983.

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, 28.133, 8.936

Trichromacy



Original Color
71, 40.802, 338.983



Protanomaly
71, 28.223, 309.819



Deuteranomaly
71, 24.112, 324.691



Tritanomaly
71, 31.387, 356.099

Monochromacy



Original Color
71, 40.802, 338.983



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 14.987, 337.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 40.802, 338.983 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(229, 148, 201)` looks like.

```
.text, #text, p{  
    color:rgb(229, 148, 201)  
}
```

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(229, 148, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 148, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 40.802, 338.983 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(229, 148, 201) }
```

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

```
.border{ border-color:rgb(229, 148, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 148, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 148, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 148, 201);  
box-shadow:4px 4px 4px 4px rgb(229, 148,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 40.802, 338.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 148, 201) }
```

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

```
.background{ background-color: rgb(229,  
148, 201) }
```

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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