

Converting Colors

CIELCh(47, 71.312, 343.908)

Have a look what the booklet for
CIELCh(47, 71.312, 343.908)
contains.

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Color

CIELCh(47, 71.079, 343.950)

Conversions

Conversions Part 1

Format	Color
Hex	C82A92
RGB	200, 42, 146
RGB Percent	78%, 16%, 57%
CMY	0.2155, 0.8351, 0.4273
CMYK	0.00, 0.79, 0.27, 0.22
HSL	321°, 65%, 47%
HSV	321°, 79%, 78%
XYZ	29.8489, 16.0195, 28.7256
YIQ	101.0980, 60.7840, 65.8400

Conversions

Conversions Part 2

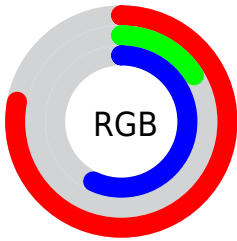
Format	Color
R _Y B	200, 42, 146
Decimal	13118098
CIE Lab	47.00, 68.31, -19.65
CIE LCh	47, 71.079, 343.950
Yxy	16.0195, 0.4002, 0.2148
Android (android.graphics.Color)	4291308178 (0xFFC82A92)
YUV	101.0980, 22.1367, 86.7371
Hunter-Lab	40.0243, 63.0775, -14.5356

Details

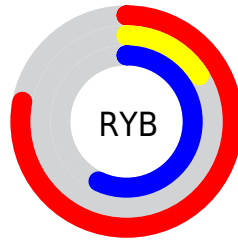
The CIELCh color **47, 71.079, 343.950** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **71, 73.771, 146.548**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 70.008, 342.592**, and **31, 58.686, 346.329** is the 20% darker color. If you saturate the color by 10%, you get **45, 74.005, 345.780**, and if you desaturate by 10%, it is **50, 65.848, 342.447**.

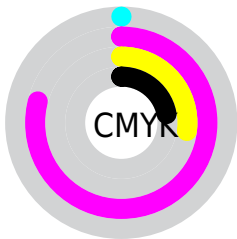
Distribution



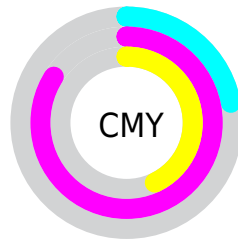
- Red (78%)
- Green (16%)
- Blue (57%)



- Red (78%)
- Yellow (16%)
- Blue (57%)



- Cyan (0%)
- Magenta (79%)
- Yellow (27%)
- Black (22%)




- Cyan (22%)
- Magenta (84%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 71.079, 343.950 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 47, 71.079, 343.950 by changing the saturation by 10% instead.


 47, 71.079,
343.950

 47, 71.079,
343.950


 100, 71.079,
343.950


 37, 71.079,
343.950

 67, 71.079,
343.950


 27, 71.079,
343.950

 77, 71.079,
343.950

 17, 71.079,
343.950

 87, 71.079,
343.950

 7, 71.079, 343.950

 97, 71.079,
343.950

 0, 71.079, 343.950

 47, 71.079,

 47, 71.079,

343.950

343.950

■ 45, 74.005,
345.780

■ 50, 65.848,
342.447

■ 44, 74.837,
347.996

■ 53, 58.646,
341.180

■ 44, 74.891,
348.231

■ 57, 49.959,
340.082

■ 61, 40.294,
339.105

■ 66, 30.082,
338.218

■ 71, 19.652,
337.399

■ 76, 9.231, 336.625

■ 81, 1.033, 156.301

■ 87, 11.055,
155.334

Harmonies

Complementary

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



47, 71.079, 343.950



71, 73.771, 146.548

Rectangle

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



47, 71.079, 343.950



47, 71.079, 33.950



47, 71.079, 163.950



47, 71.079, 213.950

Sweetspot

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



47, 71.076, 343.951



85, 30.329, 337.832



34, 93.017, 308.675



43, 20.846, 338.132



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 71.076, 343.951



57, 89.674, 347.398



45, 66.332, 21.978



39, 5.807, 336.656



36, 64.574, 347.835



4, 19.869, 343.164

Inverse Universe

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



47, 71.076, 343.951



57, 89.674, 347.398



73, 45.309, 177.543



39, 5.807, 336.656



36, 64.574, 347.835



4, 19.869, 343.164

Previews

White Background



This preview shows how the CIELCh color 47, 71.079, 343.950 looks on a white background.

Color Contrast Check

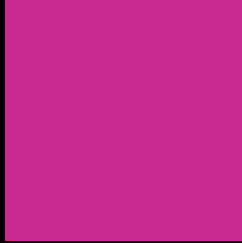
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 71.079, 343.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

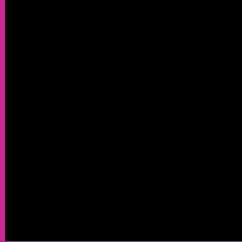
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 71.079, 343.950

Background



This preview shows how black text looks on a background with the CIELCh color 47, 71.079, 343.950.

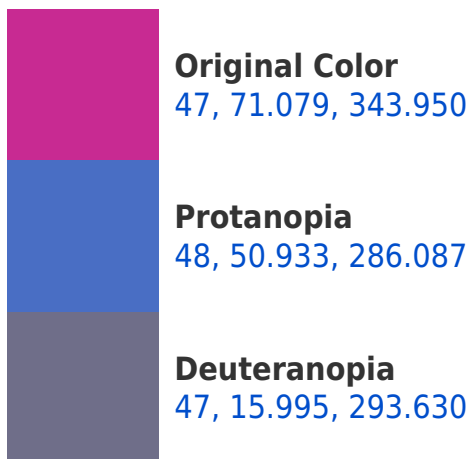


This preview shows how white text looks on a background with the CIELCh color 47, 71.079, 343.950.

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
47, 56.573, 26.630

Trichromacy



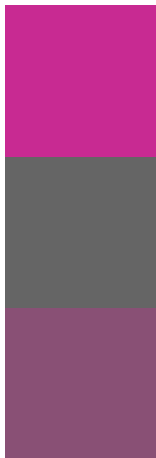
Original Color
47, 71.079, 343.950

Protanomaly
44, 56.405, 307.659

Deuteranomaly
45, 38.769, 328.047

Tritanomaly
47, 57.495, 8.446

Monochromacy



Original Color
47, 71.079, 343.950

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 31.361, 339.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 71.079, 343.950 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(200, 42, 146)` looks like.

```
.text, #text, p{  
    color:rgb(200, 42, 146)  
}
```

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(200, 42, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 42, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 71.079, 343.950 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(200, 42, 146) }
```

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

```
.border{ border-color:rgb(200, 42, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 42, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 42, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 42, 146);  
box-shadow:4px 4px 4px 4px rgb(200, 42,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 71.079, 343.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 42, 146) }
```

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

```
.background{ background-color: rgb(200, 42,  
146) }
```

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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