

Converting Colors

CIELCh(49, 71.087, 345.065)

Have a look what the booklet for
CIELCh(49, 71.087, 345.065)
contains.

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Color

CIELCh(49, 71.083, 345.043)

Conversions

Conversions Part 1

Format	Color
Hex	CF3095
RGB	207, 48, 149
RGB Percent	81%, 19%, 58%
CMY	0.1876, 0.8109, 0.4151
CMYK	0.00, 0.77, 0.28, 0.19
HSL	322°, 62%, 50%
HSV	322°, 77%, 81%
XYZ	32.2800, 17.5941, 30.1893
YIQ	107.0550, 62.3430, 65.1190

Conversions

Conversions Part 2

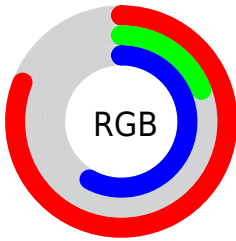
Format	Color
R_{YB}	207, 48, 149
Decimal	13578389
CIE _{Lab}	49.00, 68.67, -18.35
CIE _{LCh}	49, 71.083, 345.043
Yxy	17.5941, 0.4032, 0.2198
Android (android.graphics.Color)	4291768469 (0xFFCF3095)
YUV	107.0550, 20.6789, 87.6518
Hunter-Lab	41.9453, 63.9648, -13.3112

Details

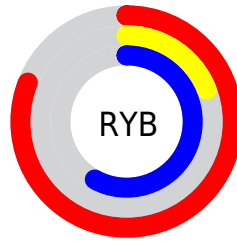
The CIELCh color **49, 71.083, 345.043** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **74, 72.836, 147.840**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 68.435, 341.912**, and **32, 60.336, 347.313** is the 20% darker color. If you saturate the color by 10%, you get **47, 74.569, 346.967**, and if you desaturate by 10%, it is **52, 65.295, 343.471**.

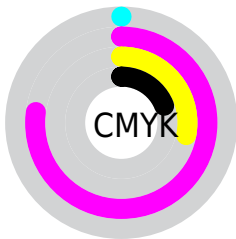
Distribution



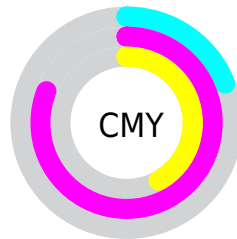
- Red (81%)
- Green (19%)
- Blue (58%)



- Red (81%)
- Yellow (19%)
- Blue (58%)



- Cyan (0%)
- Magenta (77%)
- Yellow (28%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 71.083, 345.043 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 49, 71.083, 345.043 by changing the saturation by 10% instead.


 49, 71.083,
345.043


 49, 71.083,
345.043


 100, 71.083,
345.043

 39, 71.083,
345.043

 69, 71.083,
345.043

 29, 71.083,
345.043

 79, 71.083,
345.043

 19, 71.083,
345.043

 89, 71.083,
345.043

 9, 71.083, 345.043

 99, 71.083,
345.043

 0, 71.083, 345.043

 49, 71.083,

 49, 71.083,

345.043

345.043

■ 47, 74.569,
346.967

■ 52, 65.295,
343.471

■ 46, 75.735,
349.344

■ 55, 57.598,
342.154

■ 46, 75.885,
350.183

■ 59, 48.510,
341.017

■ 64, 38.539,
340.012

■ 69, 28.104,
339.104

■ 74, 17.518,
338.268

■ 79, 6.990, 337.472

■ 85, 3.347, 156.925

■ 91, 13.417,
156.180

Harmonies

Complementary

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



49, 71.083, 345.043



74, 72.836, 147.840

Rectangle

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



49, 71.083, 345.043



49, 71.083, 35.043



49, 71.083, 165.043



49, 71.083, 215.043

Sweetspot

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



49, 71.080, 345.044



85, 28.600, 338.808



37, 93.200, 308.937



43, 19.812, 339.121



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 71.080, 345.044



57, 88.361, 348.427



47, 66.989, 22.384



41, 5.953, 337.687



37, 65.196, 349.747



5, 23.582, 344.944

Inverse Universe

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



49, 71.080, 345.044



57, 88.361, 348.427



75, 45.152, 179.485



41, 5.953, 337.687



37, 65.196, 349.747



5, 23.582, 344.944

Previews

White Background



This preview shows how the CIELCh color 49, 71.083, 345.043 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 49, 71.083, 345.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

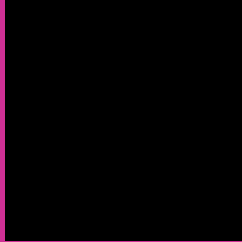
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 71.083, 345.043

Background



This preview shows how black text looks on a background with the CIELCh color 49, 71.083, 345.043.

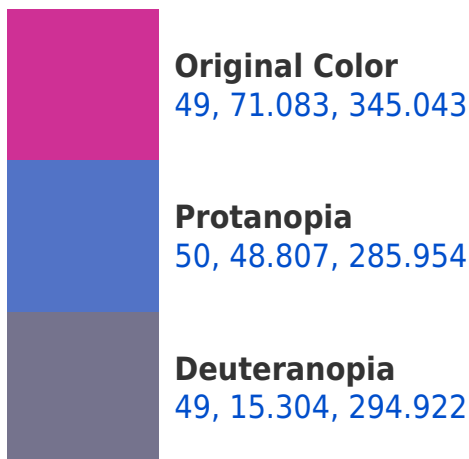


This preview shows how white text looks on a background with the CIELCh color 49, 71.083, 345.043.

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](#).

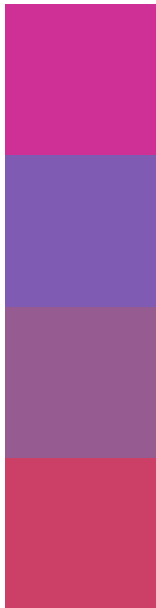
Dichromacy





Tritanopia
49, 57.924, 26.571

Trichromacy



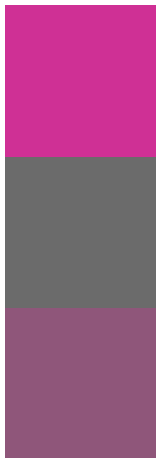
Original Color
49, 71.083, 345.043

Protanomaly
46, 53.890, 308.966

Deuteranomaly
47, 37.843, 329.562

Tritanomaly
49, 58.823, 8.911

Monochromacy



Original Color
49, 71.083, 345.043

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 30.806, 340.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 71.083, 345.043 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(207, 48, 149)` looks like.

```
.text, #text, p{  
    color:rgb(207, 48, 149)  
}
```

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(207, 48, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 48, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 71.083, 345.043 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(207, 48, 149) }
```

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

```
.border{ border-color:rgb(207, 48, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 48, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 48, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 48, 149);  
box-shadow:4px 4px 4px 4px rgb(207, 48,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 71.083, 345.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 48, 149) }
```

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

```
.background{ background-color: rgb(207, 48,  
149) }
```

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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