

Converting Colors

CIELCh(49, 72.565, 349.691)

Have a look what the booklet for
CIELCh(49, 72.565, 349.691)
contains.

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Color

CIELCh(49, 72.353, 349.792)

Conversions

Conversions Part 1

Format	Color
Hex	D5288C
RGB	213, 40, 140
RGB Percent	84%, 16%, 55%
CMY	0.1642, 0.8423, 0.4505
CMYK	0.00, 0.81, 0.34, 0.16
HSL	325°, 68%, 50%
HSV	325°, 81%, 84%
XYZ	32.9883, 17.5941, 26.5136
YIQ	103.1270, 71.0080, 67.7760

Conversions

Conversions Part 2

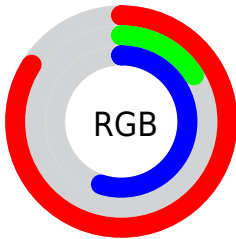
Format	Color
R _Y B	213, 40, 140
Decimal	13969548
CIE Lab	49.00, 71.21, -12.82
CIE LCh	49, 72.353, 349.792
Yxy	17.5941, 0.4279, 0.2282
Android (android.graphics.Color)	4292159628 (0xFFD5288C)
YUV	103.1270, 18.1784, 96.3586
Hunter-Lab	41.9453, 66.9790, -8.1155

Details

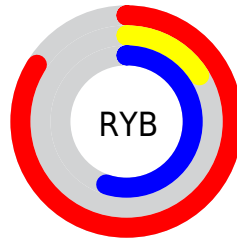
The CIELCh color **49, 72.353, 349.792** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **76, 73.806, 149.354**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 67.914, 344.942**, and **33, 59.533, 353.400** is the 20% darker color. If you saturate the color by 10%, you get **47, 74.861, 352.410**, and if you desaturate by 10%, it is **52, 67.503, 347.704**.

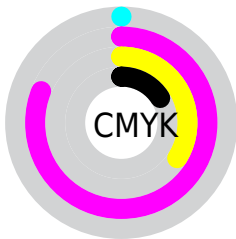
Distribution



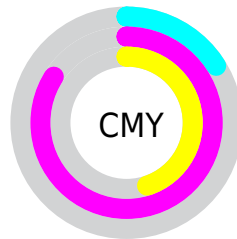
- Red (84%)
- Green (16%)
- Blue (55%)



- Red (84%)
- Yellow (16%)
- Blue (55%)



- Cyan (0%)
- Magenta (81%)
- Yellow (34%)
- Black (16%)



- Cyan (16%)
- Magenta (84%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 72.353, 349.792 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, 72.353, 349.792 by changing the saturation by 10% instead.


 49, 72.353,
349.792


 49, 72.353,
349.792


 100, 72.353,
349.792

 39, 72.353,
349.792

 69, 72.353,
349.792


 29, 72.353,
349.792

 79, 72.353,
349.792

 19, 72.353,
349.792

 89, 72.353,
349.792

 9, 72.353, 349.792

 99, 72.353,
349.792

 0, 72.353, 349.792

 49, 72.353,

 49, 72.353,

349.792

349.792

■ 47, 74.861,
352.410

■ 52, 67.503,
347.704

■ 46, 75.516,
355.195

■ 55, 60.576,
346.009

■ 59, 52.051,
344.600

■ 63, 42.461,
343.394

■ 68, 32.273,
342.337

■ 74, 21.843,
341.390

■ 79, 11.419,
340.520

■ 85, 1.161, 339.432

Harmonies

Complementary

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



49, 72.353, 349.792



76, 73.806, 149.354

Rectangle

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



49, 72.353, 349.792



49, 72.353, 39.792



49, 72.353, 169.792



49, 72.353, 219.792

Sweetspot

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



49, 72.349, 349.793



85, 28.728, 341.674



37, 99.022, 310.558



43, 19.758, 342.015



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, 72.349, 349.793



56, 86.230, 354.572



47, 74.495, 29.165



42, 5.832, 340.375



37, 64.201, 354.626



5, 24.464, 348.883

Inverse Universe

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



49, 72.349, 349.793



56, 86.230, 354.572



77, 44.564, 186.186



42, 5.832, 340.375



37, 64.201, 354.626



5, 24.464, 348.883

Previews

White Background



This preview shows how the CIELCh color 49, 72.353, 349.792 looks on a white background.

Color Contrast Check

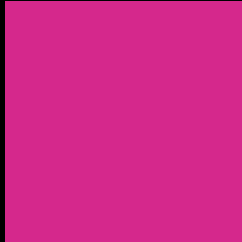
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 49, 72.353, 349.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

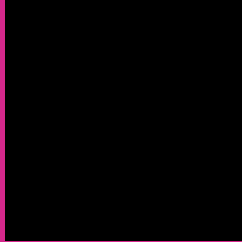
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 72.353, 349.792

Background



This preview shows how black text looks on a background with the CIELCh color 49, 72.353, 349.792.

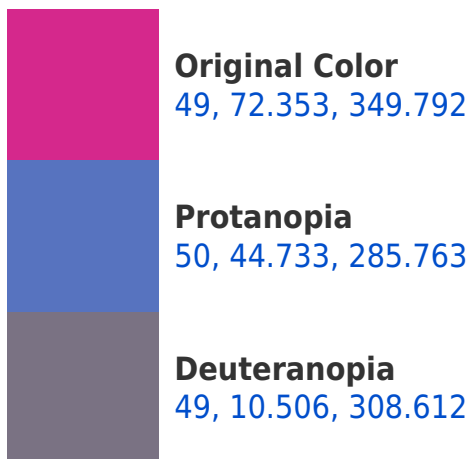


This preview shows how white text looks on a background with the CIELCh color 49, 72.353, 349.792.

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](#).

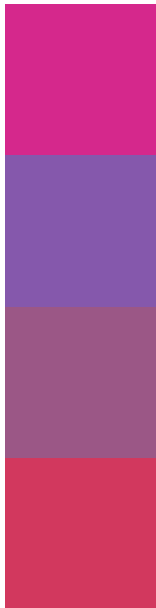
Dichromacy





Tritanopia
49, 63.994, 28.662

Trichromacy



Original Color
49, 72.353, 349.792

Protanomaly
46, 51.758, 312.620

Deuteranomaly
46, 37.490, 337.941

Tritanomaly
49, 63.401, 13.405

Monochromacy



Original Color
49, 72.353, 349.792

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 32.672, 343.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 72.353, 349.792 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(213, 40, 140)` looks like.

```
.text, #text, p{  
    color:rgb(213, 40, 140)  
}
```

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(213, 40, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 40, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 72.353, 349.792 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(213, 40, 140) }
```

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

```
.border{ border-color:rgb(213, 40, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 40, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 40, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 40, 140);  
box-shadow:4px 4px 4px 4px rgb(213, 40,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 72.353, 349.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 40, 140) }
```

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

```
.background{ background-color: rgb(213, 40,  
140) }
```

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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