

Converting Colors

CIELCh(49, 62.386, 347.002)

Have a look what the booklet for
CIELCh(49, 62.386, 347.002)
contains.

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Color

CIELCh(49, 62.379, 346.947)

Conversions

Conversions Part 1

Format	Color
Hex	C73F8E
RGB	199, 63, 142
RGB Percent	78%, 25%, 56%
CMY	0.2204, 0.7537, 0.4438
CMYK	0.00, 0.68, 0.29, 0.22
HSL	325°, 55%, 51%
HSV	325°, 68%, 78%
XYZ	30.1343, 17.5941, 27.3280
YIQ	112.6700, 55.6970, 53.4010

Conversions

Conversions Part 2

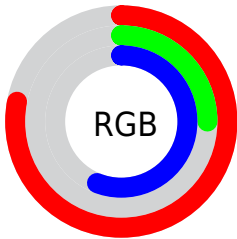
Format	Color
R _Y B	199, 63, 142
Decimal	13057934
CIE Lab	49.00, 60.77, -14.09
CIE LCh	49, 62.379, 346.947
Yxy	17.5941, 0.4015, 0.2344
Android (android.graphics.Color)	4291248014 (0xFFC73F8E)
YUV	112.6700, 14.4597, 75.7114
Hunter-Lab	41.9453, 54.8336, -9.2667

Details

The CIELCh color **49, 62.379, 346.947** 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 **72, 61.520, 151.651**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 61.493, 345.760**, and **30, 57.971, 347.945** is the 20% darker color. If you saturate the color by 10%, you get **46, 67.597, 348.874**, and if you desaturate by 10%, it is **52, 55.316, 345.371**.

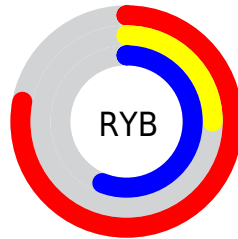
Distribution



Red (78%)

Green (25%)

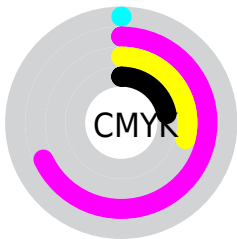
Blue (56%)



Red (78%)

Yellow (25%)

Blue (56%)

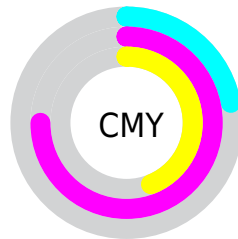


Cyan (0%)

Magenta (68%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (75%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 62.379, 346.947 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, 62.379, 346.947 by changing the saturation by 10% instead.


 49, 62.379,
346.947


 49, 62.379,
346.947


 100, 62.379,
346.947

 39, 62.379,
346.947

 69, 62.379,
346.947


 29, 62.379,
346.947

 79, 62.379,
346.947

 19, 62.379,
346.947

 89, 62.379,
346.947

 9, 62.379, 346.947

 99, 62.379,
346.947

 0, 62.379, 346.947

 49, 62.379,

 49, 62.379,

346.947

346.947

■ 46, 67.597,
348.874

■ 52, 55.316,
345.371

■ 45, 70.654,
351.275

■ 56, 46.900,
344.046

■ 43, 71.701,
354.241

■ 61, 37.617,
342.901

■ 43, 71.819,
354.735

■ 65, 27.876,
341.889

■ 70, 17.983,
340.976

■ 76, 8.143, 340.126

■ 81, 1.513, 159.663

■ 86, 10.913,
158.750

■ 92, 20.021,
158.084

Harmonies

Complementary

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



49, 62.379, 346.947



72, 61.520, 151.651

Rectangle

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



49, 62.379, 346.947



49, 62.379, 36.947



49, 62.379, 166.947



49, 62.379, 216.947

Sweetspot

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



49, 62.376, 346.948



87, 25.154, 341.232



41, 80.897, 310.143



44, 17.049, 341.486



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, 62.376, 346.948



58, 83.642, 349.959



47, 59.624, 24.123



39, 5.499, 340.208



35, 62.184, 354.209



4, 18.770, 347.974

Inverse Universe

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



49, 62.376, 346.948



58, 83.642, 349.959



73, 38.866, 187.326



39, 5.499, 340.208



35, 62.184, 354.209



4, 18.770, 347.974

Previews

White Background



This preview shows how the CIELCh color 49, 62.379, 346.947 looks on a white background.

Color Contrast Check

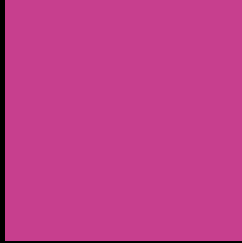
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.379, 346.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

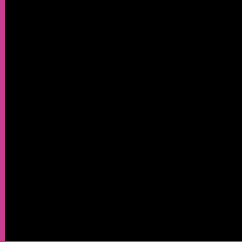
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 62.379, 346.947

Background



This preview shows how black text looks on a background with the CIELCh color 49, 62.379, 346.947.

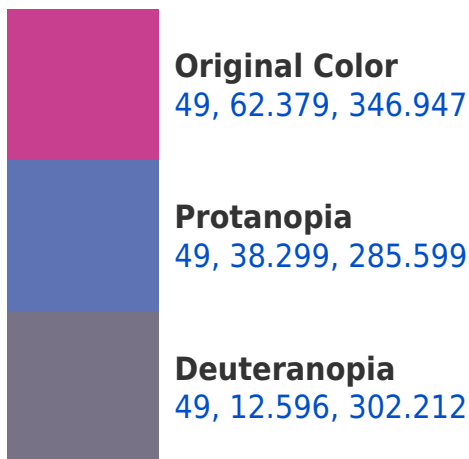


This preview shows how white text looks on a background with the CIELCh color 49, 62.379, 346.947.

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](#).

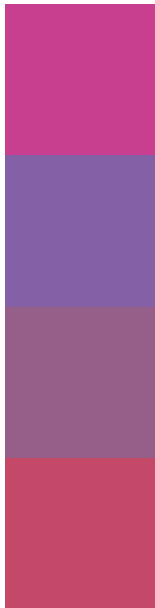
Dichromacy





Tritanopia
49, 51.458, 24.345

Trichromacy



Original Color
49, 62.379, 346.947

Protanomaly
47, 43.177, 311.607

Deuteranomaly
47, 32.029, 333.671

Tritanomaly
49, 52.706, 9.068

Monochromacy



Original Color
49, 62.379, 346.947

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 26.174, 342.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 62.379, 346.947 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(199, 63, 142)` looks like.

```
.text, #text, p{  
    color:rgb(199, 63, 142)  
}
```

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(199, 63, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 63, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 62.379, 346.947 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(199, 63, 142) }
```

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

```
.border{ border-color:rgb(199, 63, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 63, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 63, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 63, 142);  
box-shadow:4px 4px 4px 4px rgb(199, 63,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 62.379, 346.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 63, 142) }
```

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

```
.background{ background-color: rgb(199, 63,  
142) }
```

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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