

Converting Colors

CIELCh(54, 72.229, 339.530)

Have a look what the booklet for
CIELCh(54, 72.229, 339.530)
contains.

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Color

CIELCh(54, 72.358, 339.570)

Conversions

Conversions Part 1

Format	Color
Hex	D944AE
RGB	217, 68, 174
RGB Percent	85%, 27%, 68%
CMY	0.1486, 0.7329, 0.3173
CMYK	0.00, 0.69, 0.20, 0.15
HSL	317°, 66%, 56%
HSV	317°, 69%, 85%
XYZ	38.3690, 21.9746, 42.3113
YIQ	124.6350, 54.7780, 64.5540

Conversions

Conversions Part 2

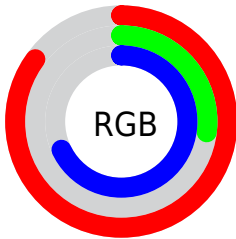
Format	Color
R _Y B	217, 68, 174
Decimal	14238894
CIE _{Lab}	54.00, 67.81, -25.26
CIE _{LCh}	54, 72.358, 339.570
Yxy	21.9746, 0.3738, 0.2141
Android (android.graphics.Color)	4292428974 (0xFFD944AE)
YUV	124.6350, 24.3369, 81.0041
Hunter-Lab	46.8770, 64.0679, -20.7014

Details

The CIELCh color **54, 72.358, 339.570** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **77, 73.750, 146.354**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 68.378, 333.728**, and **35, 67.631, 340.131** is the 20% darker color. If you saturate the color by 10%, you get **51, 78.093, 340.806**, and if you desaturate by 10%, it is **57, 64.440, 338.500**.

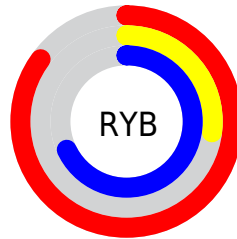
Distribution



Red (85%)

Green (27%)

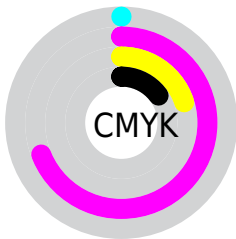
Blue (68%)



Red (85%)

Yellow (27%)

Blue (68%)

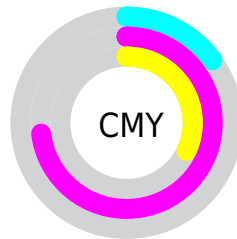


Cyan (0%)

Magenta (69%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (73%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 72.358, 339.570 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 54, 72.358, 339.570 by changing the saturation by 10% instead.


 54, 72.358,
339.570


 54, 72.358,
339.570


 100, 72.358,
339.570


 44, 72.358,
339.570


 74, 72.358,
339.570

 34, 72.358,
339.570

 84, 72.358,
339.570

 24, 72.358,
339.570

 94, 72.358,
339.570

 14, 72.358,
339.570

 4, 72.358, 339.570

 0, 72.358, 339.570

■ 54, 72.358,
339.570

■ 54, 72.358,
339.570

■ 51, 78.093,
340.806

■ 57, 64.440,
338.500

■ 50, 81.304,
342.273

■ 62, 54.877,
337.546

■ 49, 82.137,
344.028

■ 66, 44.218,
336.675

■ 48, 82.186,
344.280

■ 71, 32.936,
335.867

■ 76, 21.394,
335.107

■ 82, 9.846, 334.379

■ 88, 1.544, 153.977

■ 93, 12.675,
153.143

■ 97, 18.379,
155.411

Harmonies

Complementary

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



54, 72.358, 339.570



77, 73.750, 146.354

Rectangle

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



54, 72.358, 339.570



54, 72.358, 29.570



54, 72.358, 159.570



54, 72.358, 209.570

Sweetspot

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



54, 72.355, 339.570



87, 27.510, 335.298



42, 87.708, 306.911



44, 18.632, 335.509



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 72.355, 339.570



59, 90.028, 341.378



52, 61.804, 14.162



43, 6.537, 334.438



38, 69.698, 343.962



6, 28.238, 340.615

Inverse Universe

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



54, 72.355, 339.570



59, 90.028, 341.378



79, 46.746, 174.393



43, 6.537, 334.438



38, 69.698, 343.962



6, 28.238, 340.615

Previews

White Background



This preview shows how the CIELCh color 54, 72.358, 339.570 looks on a white background.

Color Contrast Check

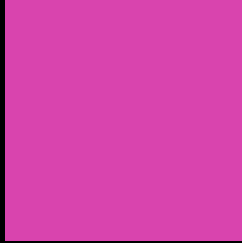
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 54, 72.358, 339.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

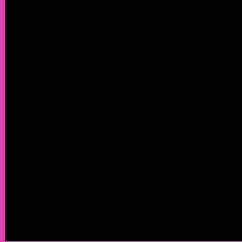
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 72.358, 339.570

Background



This preview shows how black text looks on a background with the CIELCh color 54, 72.358, 339.570.

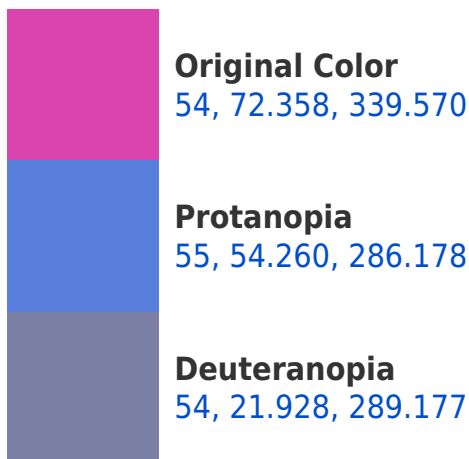


This preview shows how white text looks on a background with the CIELCh color 54, 72.358, 339.570.

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](#).

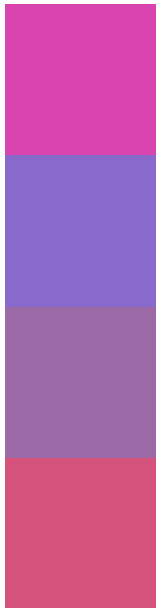
Dichromacy





Tritanopia
54, 52.115, 23.223

Trichromacy



Original Color
54, 72.358, 339.570

Protanomaly
52, 57.577, 305.590

Deuteranomaly
52, 40.126, 321.101

Tritanomaly
54, 55.227, 3.839

Monochromacy



Original Color
54, 72.358, 339.570

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 30.542, 335.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 72.358, 339.570 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(217, 68, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 68, 174)  
}
```

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(217, 68, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 68, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 72.358, 339.570 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(217, 68, 174) }
```

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

```
.border{ border-color:rgb(217, 68, 174) }
```

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

Here you see how a box with a 4 pixel rgb(217, 68, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 68, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 68, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 68,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 72.358, 339.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 68, 174) }
```

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

```
.background{ background-color: rgb(217, 68,  
174) }
```

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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