

Converting Colors

CIELCh(54, 69.568, 337.866)

Have a look what the booklet for
CIELCh(54, 69.568, 337.866)
contains.

CIELCh(54, 69.709, 337.794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 69.709, 337.794)

Conversions

Conversions Part 1

Format	Color
Hex	D44AB0
RGB	212, 74, 176
RGB Percent	83%, 29%, 69%
CMY	0.1693, 0.7104, 0.3104
CMYK	0.00, 0.65, 0.17, 0.17
HSL	316°, 62%, 56%
HSV	316°, 65%, 83%
XYZ	37.3600, 21.9746, 43.2648
YIQ	126.8900, 49.5060, 60.9780

Conversions

Conversions Part 2

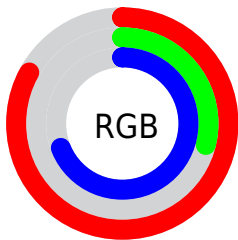
Format	Color
R _Y B	212, 74, 176
Decimal	13912752
CIE Lab	54.00, 64.54, -26.35
CIE LCh	54, 69.709, 337.794
Yxy	21.9746, 0.3641, 0.2142
Android (android.graphics.Color)	4292102832 (0xFFD44AB0)
YUV	126.8900, 24.2112, 74.6415
Hunter-Lab	46.8770, 60.2260, -21.9074

Details

The CIELCh color **54, 69.709, 337.794** 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 **76, 70.793, 145.953**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 66.917, 333.229**, and **35, 67.985, 338.065** is the 20% darker color. If you saturate the color by 10%, you get **51, 76.260, 338.843**, and if you desaturate by 10%, it is **58, 61.171, 336.859**.

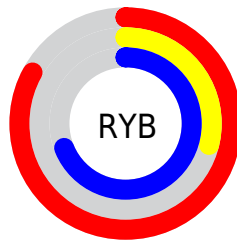
Distribution



Red (83%)

Green (29%)

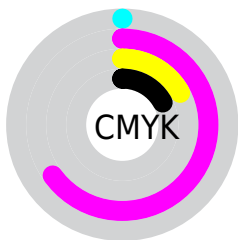
Blue (69%)



Red (83%)

Yellow (29%)

Blue (69%)

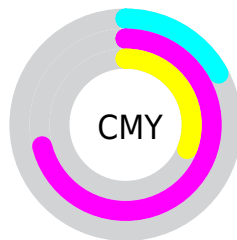


Cyan (0%)

Magenta (65%)

Yellow (17%)

Black (17%)



Cyan (17%)

Magenta (71%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 69.709, 337.794 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, 69.709, 337.794 by changing the saturation by 10% instead.

 54, 69.709,
337.794

 54, 69.709,
337.794

 100, 69.709,
337.794

 44, 69.709,
337.794


 74, 69.709,
337.794


 34, 69.709,
337.794

 84, 69.709,
337.794

 24, 69.709,
337.794

 94, 69.709,
337.794

 14, 69.709,
337.794

 4, 69.709, 337.794

 0, 69.709, 337.794

54, 69.709,
337.794

54, 69.709,
337.794

51, 76.260,
338.843

58, 61.171,
336.859

49, 80.410,
340.055

62, 51.195,
336.004

48, 82.028,
341.491

66, 40.299,
335.206

47, 82.235,
342.255


71, 28.913,
334.453

77, 17.359,
333.736

82, 5.856, 333.024

88, 5.454, 152.506

93, 16.491,
151.860

 96, 21.513,
153.759

Harmonies

Complementary

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



54, 69.709, 337.794



76, 70.793, 145.953

Rectangle

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



54, 69.709, 337.794



54, 69.709, 27.794



54, 69.709, 157.794



54, 69.709, 207.794

Sweetspot

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



54, 69.706, 337.794



87, 26.708, 334.095



43, 81.720, 305.794



45, 18.235, 334.300



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, 69.706, 337.794



60, 89.812, 339.268



52, 57.635, 10.359



42, 6.541, 333.334



38, 70.251, 341.990



6, 27.211, 338.928

Inverse Universe

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



54, 69.706, 337.794



60, 89.812, 339.268



77, 45.654, 172.158



42, 6.541, 333.334



38, 70.251, 341.990



6, 27.211, 338.928

Previews

White Background



This preview shows how the CIELCh color 54, 69.709, 337.794 looks on a white background.

Color Contrast Check

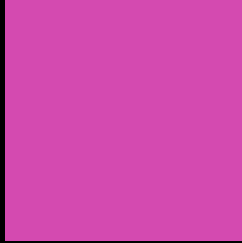
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.709, 337.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

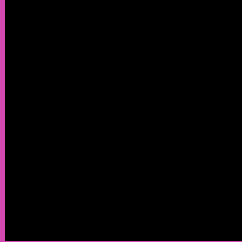
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 69.709, 337.794

Background



This preview shows how black text looks on a background with the CIELCh color 54, 69.709, 337.794.

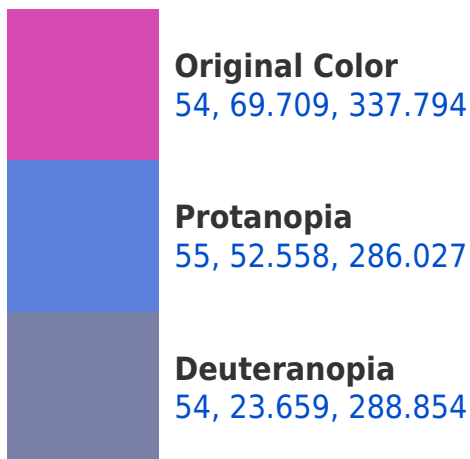


This preview shows how white text looks on a background with the CIELCh color 54, 69.709, 337.794.

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](#).

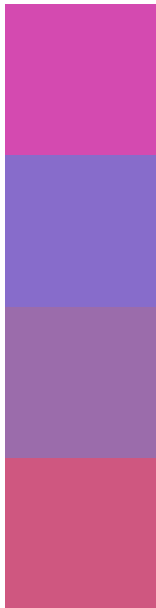
Dichromacy





Tritanopia
54, 47.962, 21.496

Trichromacy



Original Color
54, 69.709, 337.794

Protanomaly
52, 55.721, 304.819

Deuteranomaly
53, 40.011, 318.732

Tritanomaly
54, 51.379, 1.349

Monochromacy



Original Color
54, 69.709, 337.794

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 28.654, 334.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 69.709, 337.794 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(212, 74, 176)` looks like.

```
.text, #text, p{  
    color:rgb(212, 74, 176)  
}
```

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(212, 74, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 74, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 69.709, 337.794 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(212, 74, 176) }
```

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

```
.border{ border-color:rgb(212, 74, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 74, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 74, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 74, 176); box-shadow:4px 4px 4px 4px rgb(212, 74, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 69.709, 337.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 74, 176) }
```

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

```
.background{ background-color: rgb(212, 74,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor