

Converting Colors

CIELCh(54, 72.317, 328.772)

Have a look what the booklet for
CIELCh(54, 72.317, 328.772)
contains.

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Color

CIELCh(54, 72.436, 328.733)

Conversions

Conversions Part 1

Format	Color
Hex	C850C3
RGB	200, 80, 195
RGB Percent	78%, 31%, 76%
CMY	0.2155, 0.6860, 0.2351
CMYK	0.00, 0.60, 0.03, 0.22
HSL	303°, 52%, 55%
HSV	303°, 60%, 78%
XYZ	36.5629, 21.9746, 53.9755
YIQ	128.9900, 34.6050, 61.2050

Conversions

Conversions Part 2

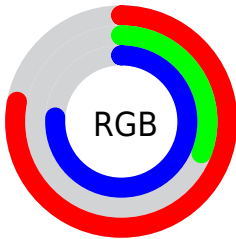
Format	Color
R _Y B	200, 80, 195
Decimal	13127875
CIE Lab	54.00, 61.92, -37.60
CIE LCh	54, 72.436, 328.733
Yxy	21.9746, 0.3250, 0.1953
Android (android.graphics.Color)	4291317955 (0xFFC850C3)
YUV	128.9900, 32.5429, 62.2758
Hunter-Lab	46.8770, 57.1909, -35.4542

Details

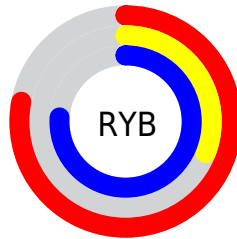
The CIELCh color **54, 72.436, 328.733** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **72, 73.384, 140.261**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 71.810, 327.648**, and **34, 72.470, 328.712** is the 20% darker color. If you saturate the color by 10%, you get **51, 80.992, 329.135**, and if you desaturate by 10%, it is **57, 62.121, 328.274**.

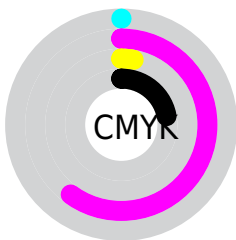
Distribution



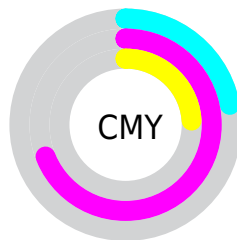
- Red (78%)
- Green (31%)
- Blue (76%)



- Red (78%)
- Yellow (31%)
- Blue (76%)



- Cyan (0%)
- Magenta (60%)
- Yellow (3%)
- Black (22%)





- Cyan (22%)
- Magenta (69%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 72.436, 328.733 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, 72.436, 328.733 by changing the saturation by 10% instead.


 54, 72.436,
328.733

 54, 72.436,
328.733


 100, 72.436,
328.733

 44, 72.436,
328.733

 74, 72.436,
328.733

 34, 72.436,
328.733

 84, 72.436,
328.733

 24, 72.436,
328.733

 94, 72.436,
328.733

 14, 72.436,
328.733

 4, 72.436, 328.733

 0, 72.436, 328.733

54, 72.436,
328.733

54, 72.436,
328.733

51, 80.992,
329.135

57, 62.121,
328.274

49, 87.356,
329.472

61, 50.562,
327.770

48, 91.287,
329.746

66, 38.230,
327.233

47, 93.150,
329.971

71, 25.511,
326.677

47, 93.153,
329.971

76, 12.696,
326.108

81, 0.015, 163.569

86, 12.489,
145.055

91, 24.650,
144.521

■ 95, 33.387,
144.250

Harmonies

Complementary

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



54, 72.436, 328.733



72, 73.384, 140.261

Rectangle

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



54, 72.436, 328.733



54, 72.436, 18.733



54, 72.436, 148.733



54, 72.436, 198.733

Sweetspot

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



54, 72.434, 328.733



89, 27.974, 326.580



41, 71.975, 300.232



46, 19.449, 326.746



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, 72.434, 328.733



64, 99.862, 329.245



52, 53.681, 352.852



39, 7.176, 326.073



38, 80.124, 329.945



4, 25.807, 328.409

Inverse Universe

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



54, 72.434, 328.733



64, 99.862, 329.245



73, 50.067, 158.675



39, 7.176, 326.073



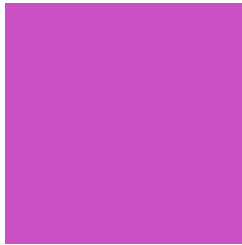
38, 80.124, 329.945



4, 25.807, 328.409

Previews

White Background



This preview shows how the CIELCh color 54, 72.436, 328.733 looks on a white background.

Color Contrast Check

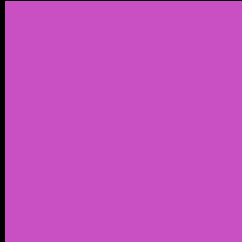
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.436, 328.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

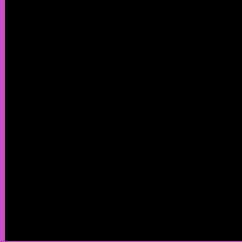
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 72.436, 328.733

Background



This preview shows how black text looks on a background with the CIELCh color 54, 72.436, 328.733.

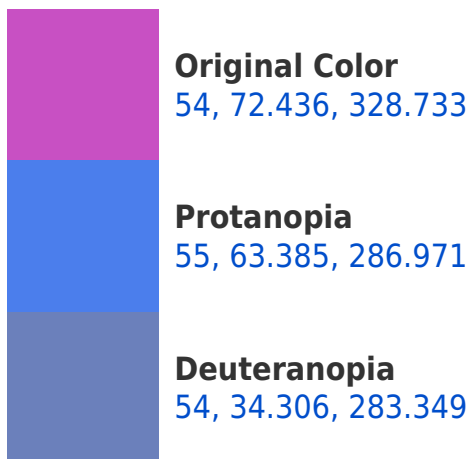


This preview shows how white text looks on a background with the CIELCh color 54, 72.436, 328.733.

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, 37.244, 17.448

Trichromacy



Original Color
54, 72.436, 328.733



Protanomaly
52, 64.860, 300.113



Deuteranomaly
53, 46.869, 307.317



Tritanomaly
54, 45.561, 350.721

Monochromacy



Original Color
54, 72.436, 328.733



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 29.350, 327.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 72.436, 328.733 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(200, 80, 195)` looks like.

```
.text, #text, p{  
    color:rgb(200, 80, 195)  
}
```

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(200, 80, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 80, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 72.436, 328.733 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(200, 80, 195) }
```

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

```
.border{ border-color:rgb(200, 80, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 80, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 80, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 80, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 80,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 72.436, 328.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 80, 195) }
```

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

```
.background{ background-color: rgb(200, 80,  
195) }
```

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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