

Converting Colors

CIELCh(54, 82.793, 327.718)

Have a look what the booklet for
CIELCh(54, 82.793, 327.718)
contains.

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Color

CIELCh(54, 82.811, 327.669)

Conversions

Conversions Part 1

Format	Color
Hex	CF45CF
RGB	207, 69, 207
RGB Percent	81%, 27%, 81%
CMY	0.1889, 0.7301, 0.1888
CMYK	0.00, 0.67, 0.00, 0.19
HSL	300°, 59%, 54%
HSV	300°, 67%, 81%
XYZ	39.0478, 21.9746, 61.1148
YIQ	125.9940, 37.9500, 72.1740

Conversions

Conversions Part 2

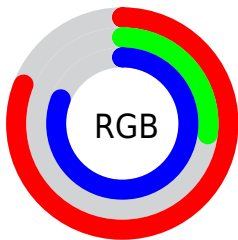
Format	Color
R _{YB}	207, 69, 207
Decimal	13583823
CIE _{Lab}	54.00, 69.97, -44.29
CIE _{LCh}	54, 82.811, 327.669
Yxy	21.9746, 0.3197, 0.1799
Android (android.graphics.Color)	4291773903 (0xFFCF45CF)
YUV	125.9940, 39.9360, 71.0423
Hunter-Lab	46.8770, 66.6526, -44.4840

Details

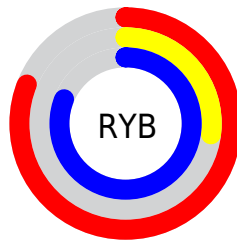
The CIELCh color **54, 82.811, 327.669** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **74, 84.084, 138.472**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 77.396, 327.054**, and **35, 78.615, 327.465** is the 20% darker color. If you saturate the color by 10%, you get **52, 90.356, 327.939**, and if you desaturate by 10%, it is **57, 73.112, 327.314**.

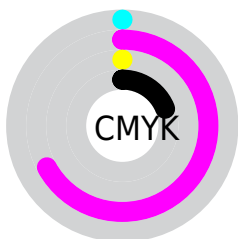
Distribution



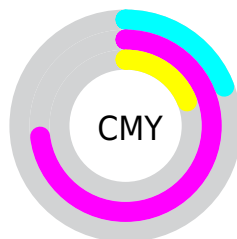
- Red (81%)
- Green (27%)
- Blue (81%)



- Red (81%)
- Yellow (27%)
- Blue (81%)



- Cyan (0%)
- Magenta (67%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (73%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 82.811, 327.669 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, 82.811, 327.669 by changing the saturation by 10% instead.

 54, 82.811,
327.669

 54, 82.811,
327.669

 100, 82.811,
327.669

 44, 82.811,
327.669

 74, 82.811,
327.669


 34, 82.811,
327.669

 84, 82.811,
327.669

 24, 82.811,
327.669

 94, 82.811,
327.669

 14, 82.811,
327.669

 4, 82.811, 327.669

 0, 82.811, 327.669

■ 54, 82.811,
327.669

■ 54, 82.811,
327.669

■ 52, 90.356,
327.939

■ 57, 73.112,
327.314

■ 50, 95.442,
328.118

■ 61, 61.747,
326.888

■ 49, 98.094,
328.210

■ 65, 49.235,
326.406

■ 49, 98.698,
328.231


■ 70, 36.043,
325.887

■ 74, 22.546,
325.343

■ 80, 9.019, 324.778

■ 85, 4.347, 144.326

■ 90, 17.433,
143.750

 96, 30.168,
143.232

Harmonies

Complementary

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



54, 82.811, 327.669



74, 84.084, 138.472

Rectangle

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



54, 82.811, 327.669



54, 82.811, 17.669



54, 82.811, 147.669



54, 82.811, 197.669

Sweetspot

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



54, 82.809, 327.669



88, 31.983, 325.536



38, 81.700, 300.568



45, 21.823, 325.691



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, 82.809, 327.669



62, 108.693, 328.026



51, 61.268, 350.847



41, 7.693, 324.934



40, 84.660, 328.231



6, 31.112, 327.823

Inverse Universe

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



49, 62.334, 29.404



56, 89.246, 34.269



75, 58.751, 154.939



41, 4.460, 19.924



35, 76.454, 39.862



4, 20.018, 19.465

Previews

White Background



This preview shows how the CIELCh color 54, 82.811, 327.669 looks on a white background.

Color Contrast Check

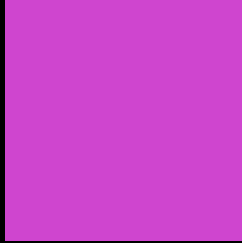
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.811, 327.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

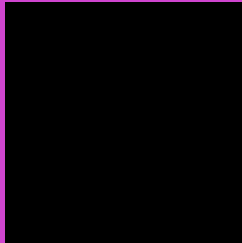
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 82.811, 327.669

Background



This preview shows how black text looks on a background with the CIELCh color 54, 82.811, 327.669.

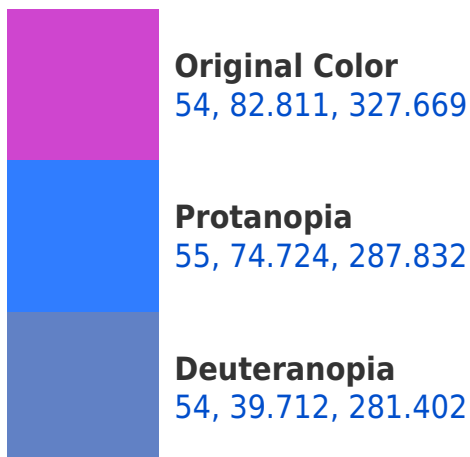


This preview shows how white text looks on a background with the CIELCh color 54, 82.811, 327.669.

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, 40.865, 19.438

Trichromacy



Original Color
54, 82.811, 327.669



Protanomaly
51, 76.268, 298.921



Deuteranomaly
52, 55.323, 305.863



Tritanomaly
53, 50.379, 350.400

Monochromacy



Original Color
54, 82.811, 327.669



Achromatopsia
53, 0.007, 296.813



Achromatomaly
51, 34.329, 326.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 82.811, 327.669 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(207, 69, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 69, 207)  
}
```

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(207, 69, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 69, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 82.811, 327.669 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(207, 69, 207) }
```

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

```
.border{ border-color:rgb(207, 69, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 69, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 69, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 69, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 69,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 82.811, 327.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 69, 207) }
```

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

```
.background{ background-color: rgb(207, 69,  
207) }
```

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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