

Converting Colors

CIELCh(54, 73.776, 327.421)

Have a look what the booklet for
CIELCh(54, 73.776, 327.421)
contains.

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Color

CIELCh(54, 73.976, 327.427)

Conversions

Conversions Part 1

Format	Color
Hex	C750C7
RGB	199, 80, 199
RGB Percent	78%, 31%, 78%
CMY	0.2200, 0.6866, 0.2199
CMYK	0.00, 0.60, 0.00, 0.22
HSL	300°, 51%, 55%
HSV	300°, 60%, 78%
XYZ	36.6912, 21.9746, 56.2896
YIQ	129.1470, 32.7250, 62.2370

Conversions

Conversions Part 2

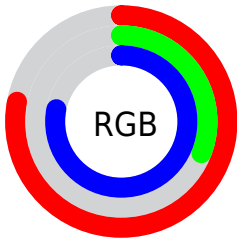
Format	Color
R_{YB}	199, 80, 199
Decimal	13062343
CIE _{Lab}	54.00, 62.34, -39.83
CIE _{LCh}	54, 73.976, 327.427
Yxy	21.9746, 0.3192, 0.1912
Android (android.graphics.Color)	4291252423 (0xFFC750C7)
YUV	129.1470, 34.4375, 61.2611
Hunter-Lab	46.8770, 57.6793, -38.3811

Details

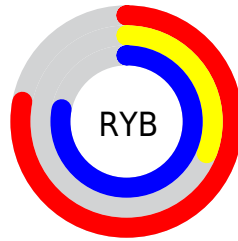
The CIELCh color **54, 73.976, 327.427** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **72, 74.752, 139.271**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 73.020, 326.912**, and **34, 74.107, 327.329** is the 20% darker color. If you saturate the color by 10%, you get **51, 82.800, 327.757**, and if you desaturate by 10%, it is **57, 63.390, 327.021**.

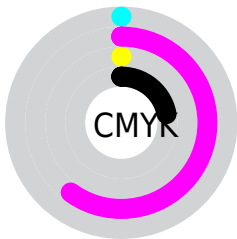
Distribution



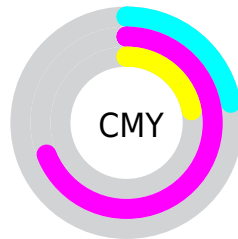
- Red (78%)
- Green (31%)
- Blue (78%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 73.976, 327.427 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, 73.976, 327.427 by changing the saturation by 10% instead.


 54, 73.976,
327.427

 54, 73.976,
327.427


 100, 73.976,
327.427

 44, 73.976,
327.427


 74, 73.976,
327.427

 34, 73.976,
327.427

 84, 73.976,
327.427

 24, 73.976,
327.427

 94, 73.976,
327.427

 14, 73.976,
327.427

 4, 73.976, 327.427

 0, 73.976, 327.427

54, 73.976,
327.427

54, 73.976,
327.427

51, 82.800,
327.757

57, 63.390,
327.021

49, 89.437,
328.001

61, 51.550,
326.556

48, 93.659,
328.153

66, 38.926,
326.047

47, 95.820,
328.230

70, 25.908,
325.511

47, 95.854,
328.231

75, 12.790,
324.956

80, 0.221, 145.594

86, 12.992,
143.918

91, 25.440,
143.392

■ 95, 35.156,
142.991

Harmonies

Complementary

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



54, 73.976, 327.427



72, 74.752, 139.271

Rectangle

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



54, 73.976, 327.427



54, 73.976, 17.427



54, 73.976, 147.427



54, 73.976, 197.427

Sweetspot

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



54, 73.974, 327.427



89, 28.774, 325.425



41, 70.232, 298.967



46, 20.004, 325.587



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, 73.974, 327.427



64, 102.727, 327.846



52, 54.555, 349.528



39, 7.382, 324.931



39, 82.760, 328.231



4, 26.741, 327.025

Inverse Universe

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



50, 53.486, 27.391



58, 80.234, 31.401



72, 52.010, 156.104



39, 4.279, 19.920



34, 74.643, 39.775



3, 15.885, 19.403

Previews

White Background



This preview shows how the CIELCh color 54, 73.976, 327.427 looks on a white background.

Color Contrast Check

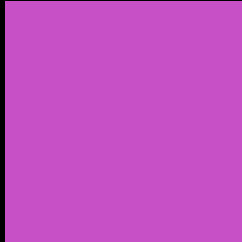
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.976, 327.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

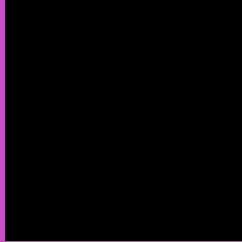
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 73.976, 327.427

Background



This preview shows how black text looks on a background with the CIELCh color 54, 73.976, 327.427.

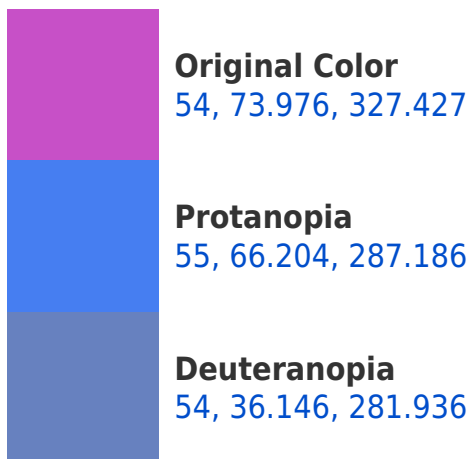


This preview shows how white text looks on a background with the CIELCh color 54, 73.976, 327.427.

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, 36.347, 17.121

Trichromacy



Original Color
54, 73.976, 327.427



Protanomaly
52, 67.627, 299.550



Deuteranomaly
53, 48.929, 305.703



Tritanomaly
54, 45.737, 349.093

Monochromacy



Original Color
54, 73.976, 327.427



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 29.612, 325.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 73.976, 327.427 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, 80, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 80, 199)  
}
```

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, 80, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 80, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 73.976, 327.427 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, 80, 199) }
```

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

```
.border{ border-color:rgb(199, 80, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 80, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 80, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 80, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 80,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 73.976, 327.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 80, 199) }
```

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

```
.background{ background-color: rgb(199, 80,  
199) }
```

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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