

Converting Colors

CIELCh(54, 79.247, 325.522)

Have a look what the booklet for
CIELCh(54, 79.247, 325.522)
contains.

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Color

CIELCh(54, 79.175, 325.387)

Conversions

Conversions Part 1

Format	Color
Hex	C74DD0
RGB	199, 77, 208
RGB Percent	78%, 30%, 82%
CMY	0.2200, 0.6984, 0.1847
CMYK	0.04, 0.63, 0.00, 0.18
HSL	296°, 58%, 56%
HSV	296°, 63%, 82%
XYZ	37.5510, 21.9746, 61.8800
YIQ	128.4120, 30.6610, 66.6050

Conversions

Conversions Part 2

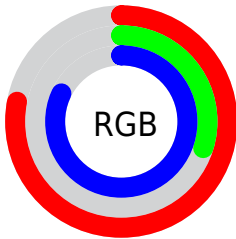
Format	Color
RYB	199, 77, 208
Decimal	13061584
CIELab	54.00, 65.16, -44.97
CIELCh	54, 79.175, 325.387
Yxy	21.9746, 0.3093, 0.1810
Android (android.graphics.Color)	4291251664 (0xFFC74DD0)
YUV	128.4120, 39.2369, 61.9057
Hunter-Lab	46.8770, 60.9530, -45.4518

Details

The CIELCh color **54, 79.175, 325.387** 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 **75, 79.497, 137.735**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 74.678, 326.966**, and **34, 79.256, 325.466** is the 20% darker color. If you saturate the color by 10%, you get **51, 87.879, 325.598**, and if you desaturate by 10%, it is **58, 68.572, 325.071**.

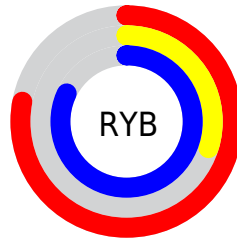
Distribution



Red (78%)

Green (30%)

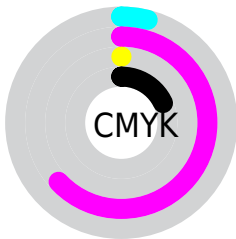
Blue (82%)



Red (78%)

Yellow (30%)

Blue (82%)

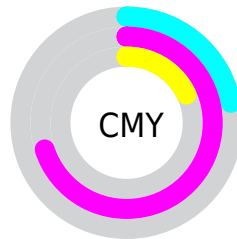


Cyan (4%)

Magenta (63%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (70%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 79.175, 325.387 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, 79.175, 325.387 by changing the saturation by 10% instead.


 54, 79.175,
325.387

 54, 79.175,
325.387


 100, 79.175,
325.387

 44, 79.175,
325.387


 74, 79.175,
325.387

 34, 79.175,
325.387

 84, 79.175,
325.387

 24, 79.175,
325.387

 94, 79.175,
325.387

 14, 79.175,
325.387

 4, 79.175, 325.387

 0, 79.175, 325.387

54, 79.175,
325.387

54, 79.175,
325.387

51, 87.879,
325.598

58, 68.572,
325.071

49, 94.229,
325.682

62, 56.617,
324.674

48, 98.010,
325.629

66, 43.815,
324.221

47, 99.480,
325.528

71, 30.581,
323.733

76, 17.224,
323.225

82, 3.957, 322.674

87, 9.081, 142.271

93, 21.806,
141.779

■ 96, 28.721,
141.170

Harmonies

Complementary

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



54, 79.175, 325.387



75, 79.497, 137.735

Rectangle

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



54, 79.175, 325.387



54, 79.175, 15.387



54, 79.175, 145.387



54, 79.175, 195.387

Sweetspot

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



54, 79.173, 325.387



88, 29.780, 323.543



43, 71.525, 297.331



45, 20.511, 323.688



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, 79.173, 325.387



61, 105.733, 325.647



53, 60.976, 345.950



41, 7.532, 323.038



38, 84.995, 325.567



5, 30.542, 325.299

Inverse Universe

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



51, 57.079, 23.507



57, 81.613, 28.371



75, 59.706, 152.424



41, 4.471, 14.370



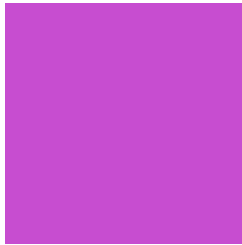
35, 73.684, 37.027



4, 20.032, 16.263

Previews

White Background



This preview shows how the CIELCh color 54, 79.175, 325.387 looks on a white background.

Color Contrast Check

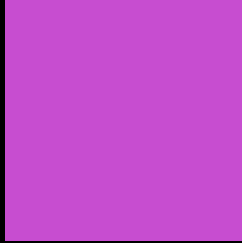
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.175, 325.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

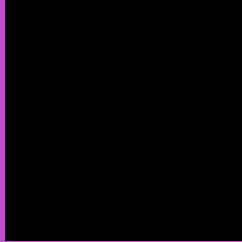
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 79.175, 325.387

Background



This preview shows how black text looks on a background with the CIELCh color 54, 79.175, 325.387.

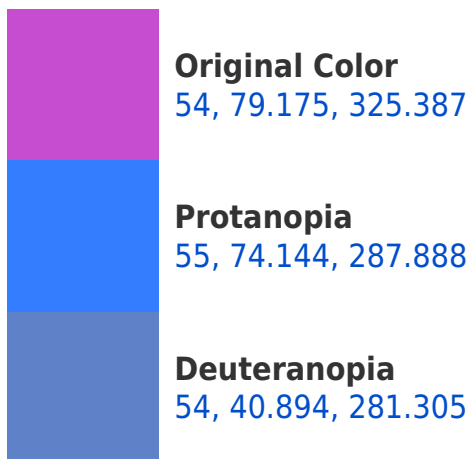


This preview shows how white text looks on a background with the CIELCh color 54, 79.175, 325.387.

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, 35.029, 16.638

Trichromacy



Original Color
54, 79.175, 325.387



Protanomaly
52, 74.412, 297.973



Deuteranomaly
52, 53.835, 303.670



Tritanomaly
53, 46.216, 345.899

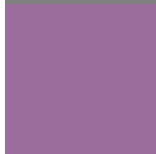
Monochromacy



Original Color
54, 79.175, 325.387



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 32.372, 324.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 79.175, 325.387 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, 77, 208)` looks like.

```
.text, #text, p{  
    color:rgb(199, 77, 208)  
}
```

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, 77, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 77, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 79.175, 325.387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

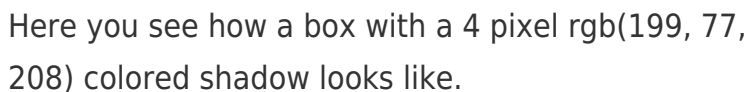
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 77, 208) }
```

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

```
.border{ border-color:rgb(199, 77, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 77, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 77, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 77, 208); box-shadow:4px 4px 4px 4px rgb(199, 77, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 79.175, 325.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 77, 208) }
```

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

```
.background{ background-color: rgb(199, 77,  
208) }
```

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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