

Converting Colors

CIELCh(54, 99.148, 330.830)

Have a look what the booklet for
CIELCh(54, 99.148, 330.830)
contains.

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Color

CIELCh(54, 99.069, 330.857)

Conversions

Conversions Part 1

Format	Color
Hex	E416D6
RGB	228, 22, 214
RGB Percent	89%, 9%, 84%
CMY	0.1052, 0.9120, 0.1602
CMYK	0.00, 0.90, 0.06, 0.11
HSL	304°, 82%, 49%
HSV	304°, 90%, 89%
XYZ	44.5009, 21.9746, 65.6193
YIQ	105.4820, 61.1440, 103.3840

Conversions

Conversions Part 2

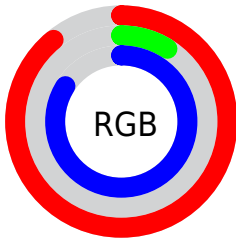
Format	Color
R _Y B	228, 22, 214
Decimal	14948054
CIE Lab	54.00, 86.53, -48.25
CIE LCh	54, 99.069, 330.857
Yxy	21.9746, 0.3369, 0.1664
Android (android.graphics.Color)	4293138134 (0xFFE416D6)
YUV	105.4820, 53.4994, 107.4483
Hunter-Lab	46.8770, 87.4172, -50.1813

Details

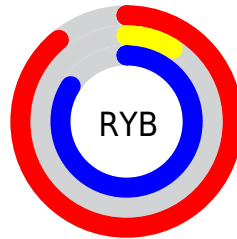
The CIELCh color **54, 99.069, 330.857** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **80, 105.416, 137.210**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **39, 80.719, 330.732** is the 20% darker color. If you saturate the color by 10%, you get **53, 100.650, 331.185**, and if you desaturate by 10%, it is **55, 95.110, 330.495**.

Distribution



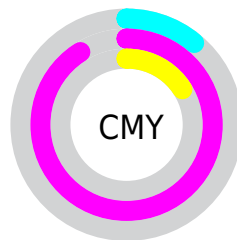
- Red (89%)
- Green (9%)
- Blue (84%)



- Red (89%)
- Yellow (9%)
- Blue (84%)



- Cyan (0%)
- Magenta (90%)
- Yellow (6%)
- Black (11%)





- Cyan (11%)
- Magenta (91%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 99.069, 330.857 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, 99.069, 330.857 by changing the saturation by 10% instead.


 54, 99.069,
330.857

 54, 99.069,
330.857


 100, 99.069,
330.857

 44, 99.069,
330.857


 74, 99.069,
330.857

 34, 99.069,
330.857

 84, 99.069,
330.857

 24, 99.069,
330.857

 94, 99.069,
330.857

 14, 99.069,
330.857

 4, 99.069, 330.857

 0, 99.069, 330.857

■ 54, 99.069,
330.857

■ 54, 99.069,
330.857

■ 53, 100.650,
331.185

■ 55, 95.110,
330.495

■ 58, 88.416,
330.090

■ 61, 79.237,
329.637

■ 65, 68.070,
329.138

■ 69, 55.489,
328.603

■ 74, 42.031,
328.042

■ 79, 28.136,
327.467

■ 85, 14.128,

326.883

■ 91, 0.235, 325.052

Harmonies

Complementary

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



54, 99.069, 330.857



80, 105.416, 137.210

Rectangle

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



54, 99.069, 330.857



54, 99.069, 20.857



54, 99.069, 150.857



54, 99.069, 200.857

Sweetspot

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



54, 99.066, 330.857



84, 41.216, 327.871



31, 117.306, 305.837



42, 27.737, 328.067



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, 99.066, 330.857



59, 109.439, 331.204



50, 75.730, 4.585



45, 7.929, 326.841



42, 83.839, 331.134



8, 35.472, 330.659

Inverse Universe

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



54, 99.066, 330.857



59, 109.439, 331.204



81, 72.346, 154.655



45, 7.929, 326.841



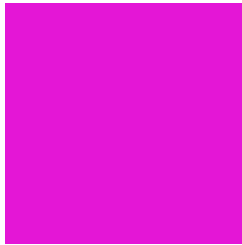
42, 83.839, 331.134



8, 35.472, 330.659

Previews

White Background



This preview shows how the CIELCh color 54, 99.069, 330.857 looks on a white background.

Color Contrast Check

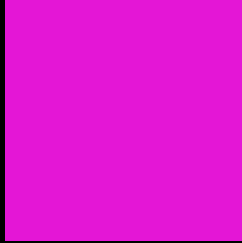
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 54, 99.069, 330.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

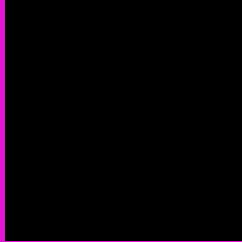
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 99.069, 330.857

Background



This preview shows how black text looks on a background with the CIELCh color 54, 99.069, 330.857.



This preview shows how white text looks on a background with the CIELCh color 54, 99.069, 330.857.

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



Original Color

54, 99.069, 330.857

Protanopia

55, 74.142, 287.406

Deuteranopia

55, 41.528, 280.549



Tritanopia
54, 56.694, 24.897

Trichromacy



Original Color
54, 99.069, 330.857



Protanomaly
48, 88.144, 303.696



Deuteranomaly
49, 68.222, 310.220



Tritanomaly
52, 66.024, 355.606

Monochromacy



Original Color
54, 99.069, 330.857



Achromatopsia
45, 0.006, 296.813



Achromatomaly
44, 47.834, 329.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 99.069, 330.857 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(228, 22, 214)` looks like.

```
.text, #text, p{  
    color:rgb(228, 22, 214)  
}
```

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(228, 22, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 22, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 99.069, 330.857 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(228, 22, 214) }
```

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

```
.border{ border-color:rgb(228, 22, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 22, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 22, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 22, 214);  
box-shadow:4px 4px 4px 4px rgb(228, 22,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 99.069, 330.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 22, 214) }
```

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

```
.background{ background-color: rgb(228, 22,  
214) }
```

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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