

Converting Colors

CIELCh(54, 102.133, 331.282)

Have a look what the booklet for
CIELCh(54, 102.133, 331.282)
contains.

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Color

CIELCh(54, 101.846, 331.228)

Conversions

Conversions Part 1

Format	Color
Hex	E800D8
RGB	232, 0, 216
RGB Percent	91%, 0%, 85%
CMY	0.0920, 1.0000, 0.1546
CMYK	0.00, 1.00, 0.07, 0.09
HSL	304°, 100%, 45%
HSV	304°, 100%, 91%
XYZ	45.4514, 21.9746, 66.5270
YIQ	93.9920, 68.9360, 116.3600

Conversions

Conversions Part 2

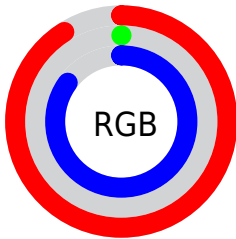
Format	Color
R _Y B	232, 0, 216
Decimal	15204568
CIE Lab	54.00, 89.27, -49.02
CIE LCh	54, 101.846, 331.228
Yxy	21.9746, 0.3393, 0.1640
Android (android.graphics.Color)	4293394648 (0xFFE800D8)
YUV	93.9920, 60.1499, 121.0330
Hunter-Lab	46.8770, 91.0365, -51.3293

Details

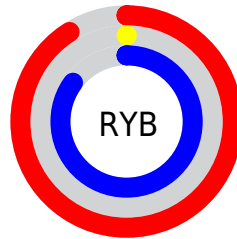
The CIELCh color **54, 101.846, 331.228** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **80, 110.143, 136.464**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.792, 327.510**, and **40, 81.470, 330.952** is the 20% darker color. If you saturate the color by 10%, you get **54, 101.698, 331.227**, and if you desaturate by 10%, it is **55, 100.084, 330.890**.

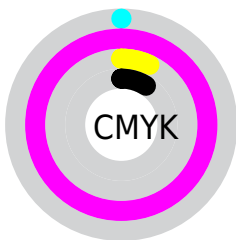
Distribution



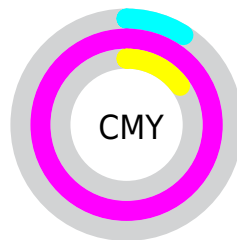
- Red (91%)
- Green (0%)
- Blue (85%)



- Red (91%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (9%)





- Cyan (9%)
- Magenta (100%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 101.846, 331.228 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, 101.846, 331.228 by changing the saturation by 10% instead.


 54, 101.846,
331.228


 54, 101.846,
331.228


 100, 101.846,
331.228


 44, 101.846,
331.228


 74, 101.846,
331.228


 34, 101.846,
331.228


 84, 101.846,
331.228

 24, 101.846,
331.228

 94, 101.846,
331.228

 14, 101.846,
331.228

 4, 101.846,
331.228

 0, 101.846,
331.228

■ 54, 101.846,
331.228

■ 54, 101.846,
331.228

■ 54, 101.698,
331.227

■ 55, 100.084,
330.890

■ 56, 96.061,
330.525

■ 59, 89.264,
330.116

■ 62, 79.957,
329.660

■ 66, 68.642,
329.159

■ 70, 55.903,
328.622

■ 75, 42.283,
328.060

■ 80, 28.225,

327.484

■ 86, 14.058,
326.898

Harmonies

Complementary

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



54, 101.846, 331.228



80, 110.143, 136.464

Rectangle

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



54, 101.846, 331.228



54, 101.846, 21.228



54, 101.846, 151.228



54, 101.846, 201.228

Sweetspot

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



54, 101.698, 331.227



82, 45.720, 328.069



29, 124.081, 306.444



41, 31.111, 328.310



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, 101.698, 331.227



59, 109.364, 331.244



50, 78.577, 9.226



45, 7.924, 326.866



42, 83.783, 331.174



8, 35.452, 330.691

Inverse Universe

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



54, 101.698, 331.227



59, 109.364, 331.244



81, 77.584, 152.393



45, 7.924, 326.866



42, 83.783, 331.174



8, 35.452, 330.691

Previews

White Background



This preview shows how the CIE LCh color 54, 101.846, 331.228 looks on a white background.

Color Contrast Check

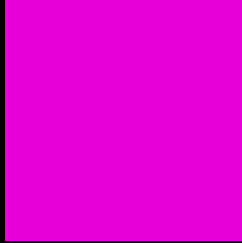
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101.846, 331.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

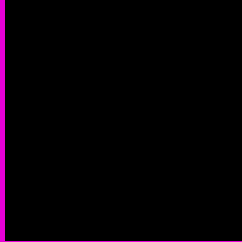
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 101.846, 331.228

Background



This preview shows how black text looks on a background with the CIELCh color 54, 101.846, 331.228.



This preview shows how white text looks on a background with the CIELCh color 54, 101.846, 331.228.

331.228.

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, 101.846, 331.228

Protanopia

55, 73.502, 287.264

Deuteranopia

55, 42.069, 280.854



Tritanopia
54, 58.409, 25.275

Trichromacy



Original Color

54, 101.846, 331.228



Protanomaly

47, 92.657, 305.279



Deuteranomaly

48, 73.548, 311.609



Tritanomaly

52, 69.976, 355.532

Monochromacy



Original Color

54, 101.846, 331.228



Achromatopsia

40, 0.006, 296.813



Achromatomaly

40, 53.366, 329.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 101.846, 331.228 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(232, 0, 216)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 216)  
}
```

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(232, 0, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 101.846, 331.228 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(232, 0, 216) }
```

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

```
.border{ border-color:rgb(232, 0, 216) }
```

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

Here you see how a box with a 4 pixel rgb(232, 0, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 0,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 101.846, 331.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 216) }
```

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

```
.background{ background-color: rgb(232, 0,  
216) }
```

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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