

Converting Colors

CIELCh(54, 99.155, 333.408)

Have a look what the booklet for
CIELCh(54, 99.155, 333.408)
contains.

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Color

CIELCh(54, 99.127, 333.300)

Conversions

Conversions Part 1

Format	Color
Hex	EA00D0
RGB	234, 0, 208
RGB Percent	92%, 0%, 82%
CMY	0.0833, 1.0000, 0.1852
CMYK	0.00, 1.00, 0.11, 0.08
HSL	307°, 100%, 46%
HSV	307°, 100%, 92%
XYZ	45.2024, 21.9746, 61.3948
YIQ	93.6780, 72.6960, 114.2960

Conversions

Conversions Part 2

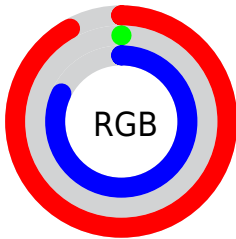
Format	Color
R_{YB}	234, 0, 208
Decimal	15335632
CIE _{Lab}	54.00, 88.56, -44.54
CIE _{LCh}	54, 99.127, 333.300
Yxy	21.9746, 0.3516, 0.1709
Android (android.graphics.Color)	4293525712 (0xFFEA00D0)
YUV	93.6780, 56.3607, 123.0624
Hunter-Lab	46.8770, 90.0886, -44.8381

Details

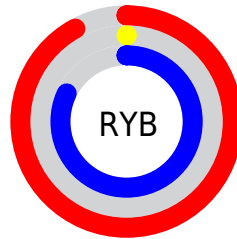
The CIELCh color **54, 99.127, 333.300** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **81, 109.817, 136.883**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.792, 327.510**, and **40, 78.949, 333.415** is the 20% darker color. If you saturate the color by 10%, you get **54, 99.050, 333.301**, and if you desaturate by 10%, it is **55, 97.728, 332.759**.

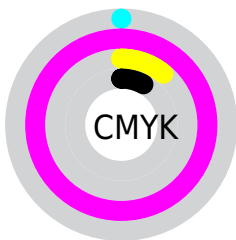
Distribution



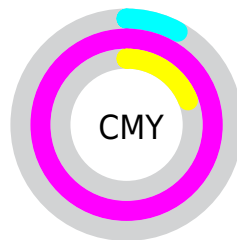
- Red (92%)
- Green (0%)
- Blue (82%)



- Red (92%)
- Yellow (0%)
- Blue (82%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 99.127, 333.300 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, 99.127, 333.300 by changing the saturation by 10% instead.


 54, 99.127,
333.300


 54, 99.127,
333.300


 100, 99.127,
333.300


 44, 99.127,
333.300


 74, 99.127,
333.300

 34, 99.127,
333.300

 84, 99.127,
333.300

 24, 99.127,
333.300

 94, 99.127,
333.300

 14, 99.127,
333.300

 4, 99.127, 333.300

 0, 99.127, 333.300

■ 54, 99.127,
333.300

■ 54, 99.127,
333.300

■ 54, 99.050,
333.301

■ 55, 97.728,
332.759

■ 56, 93.963,
332.229

■ 59, 87.400,
331.694

■ 62, 78.319,
331.144

■ 66, 67.240,
330.572

■ 71, 54.753,
329.984

■ 76, 41.403,
329.384

■ 81, 27.630,

328.780

■ 87, 13.759,
328.173

Harmonies

Complementary

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



54, 99.127, 333.300



81, 109.817, 136.883

Rectangle

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



54, 99.127, 333.300



54, 99.127, 23.300



54, 99.127, 153.300



54, 99.127, 203.300

Sweetspot

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



54, 99.050, 333.301



82, 44.425, 329.393



30, 124.744, 306.559



41, 30.232, 329.648



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, 99.050, 333.301



59, 105.740, 333.328



50, 79.546, 12.543



46, 7.836, 328.141



42, 81.916, 333.209



9, 35.526, 332.404

Inverse Universe

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



54, 99.050, 333.301



59, 105.740, 333.328



82, 75.218, 154.400



46, 7.836, 328.141



42, 81.916, 333.209



9, 35.526, 332.404

Previews

White Background



This preview shows how the CIE LCh color 54, 99.127, 333.300 looks on a white background.

Color Contrast Check

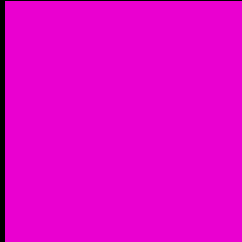
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.127, 333.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

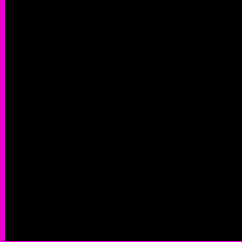
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 99.127, 333.300

Background



This preview shows how black text looks on a background with the CIELCh color 54, 99.127, 333.300.



This preview shows how white text looks on a background with the CIELCh color 54, 99.127, 333.300.

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, 99.127, 333.300

Protanopia

55, 73.502, 287.264

Deuteranopia

55, 37.887, 281.562



Tritanopia
54, 61.078, 25.950

Trichromacy



Original Color
54, 99.127, 333.300



Protanomaly
47, 91.077, 305.459



Deuteranomaly
48, 70.088, 313.918



Tritanomaly
52, 70.417, 358.038

Monochromacy



Original Color
54, 99.127, 333.300



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 52.235, 331.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 99.127, 333.300 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(234, 0, 208)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 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(234, 0, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 99.127, 333.300 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(234, 0, 208) }
```

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

```
.border{ border-color:rgb(234, 0, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 0, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 208);  
box-shadow:4px 4px 4px 4px rgb(234, 0,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 99.127, 333.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 0, 208) }
```

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

```
.background{ background-color: rgb(234, 0,  
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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