

Converting Colors

CIELCh(54, 100.752, 332.390)

Have a look what the booklet for
CIELCh(54, 100.752, 332.390)
contains.

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Color

CIELCh(54, 100.469, 332.244)

Conversions

Conversions Part 1

Format	Color
Hex	E900D4
RGB	233, 0, 212
RGB Percent	91%, 0%, 83%
CMY	0.0876, 1.0000, 0.1698
CMYK	0.00, 1.00, 0.09, 0.09
HSL	305°, 100%, 46%
HSV	305°, 100%, 91%
XYZ	45.3247, 21.9746, 63.9366
YIQ	93.8350, 70.8160, 115.3280

Conversions

Conversions Part 2

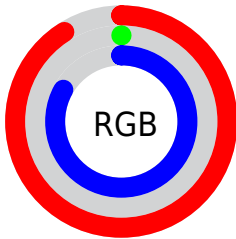
Format	Color
R _Y B	233, 0, 212
Decimal	15270100
CIE Lab	54.00, 88.91, -46.79
CIE LCh	54, 100.469, 332.244
Yxy	21.9746, 0.3454, 0.1674
Android (android.graphics.Color)	4293460180 (0xFFE900D4)
YUV	93.8350, 58.2553, 122.0477
Hunter-Lab	46.8770, 90.5544, -48.0530

Details

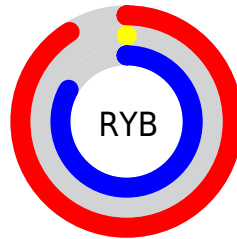
The CIELCh color **54, 100.469, 332.244** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **81, 110.033, 136.655**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.792, 327.510**, and **40, 80.371, 332.017** is the 20% darker color. If you saturate the color by 10%, you get **54, 100.359, 332.245**, and if you desaturate by 10%, it is **55, 98.895, 331.809**.

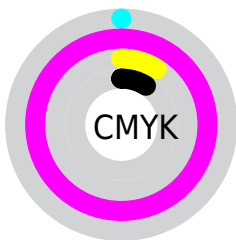
Distribution



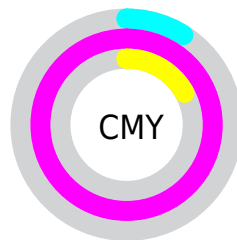
- Red (91%)
- Green (0%)
- Blue (83%)



- Red (91%)
- Yellow (0%)
- Blue (83%)



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





- Cyan (9%)
- Magenta (100%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 100.469, 332.244 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, 100.469, 332.244 by changing the saturation by 10% instead.


 54, 100.469,
332.244


 54, 100.469,
332.244


 100, 100.469,
332.244


 44, 100.469,
332.244


 74, 100.469,
332.244


 34, 100.469,
332.244


 84, 100.469,
332.244

 24, 100.469,
332.244

 94, 100.469,
332.244

 14, 100.469,
332.244

 4, 100.469,
332.244

 0, 100.469,
332.244

■ 54, 100.469,
332.244

■ 54, 100.469,
332.244

■ 54, 100.359,
332.245

■ 55, 98.895,
331.809

■ 56, 95.003,
331.364

■ 59, 88.326,
330.894

■ 62, 79.133,
330.392

■ 66, 67.937,
329.857

■ 70, 55.325,
329.295

■ 75, 41.841,
328.715

■ 81, 27.926,

328.125

■ 86, 13.908,
327.529

Harmonies

Complementary

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



54, 100.469, 332.244



81, 110.033, 136.655

Rectangle

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



54, 100.469, 332.244



54, 100.469, 22.244



54, 100.469, 152.244



54, 100.469, 202.244

Sweetspot

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



54, 100.359, 332.245



82, 45.066, 328.723



29, 124.426, 306.497



41, 30.667, 328.971



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, 100.359, 332.245



59, 107.526, 332.267



50, 79.025, 10.887



46, 7.951, 327.497



42, 83.271, 332.174



9, 36.028, 331.548

Inverse Universe

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



54, 100.359, 332.245



59, 107.526, 332.267



82, 76.409, 153.377



46, 7.951, 327.497



42, 83.271, 332.174



9, 36.028, 331.548

Previews

White Background



This preview shows how the CIELCh color 54, 100.469, 332.244 looks on a white background.

Color Contrast Check

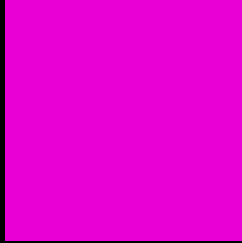
Large Text (above 18pt) WCAG AA ✓ Pass

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, 100.469, 332.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

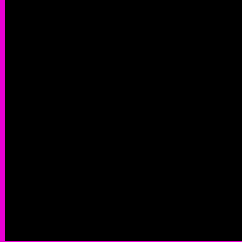
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 100.469, 332.244

Background



This preview shows how black text looks on a background with the CIELCh color 54, 100.469, 332.244.



This preview shows how white text looks on a background with the CIELCh color 54, 100.469, 332.244.

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, 100.469, 332.244

Protanopia

55, 73.502, 287.264

Deuteranopia

55, 40.256, 281.286



Tritanopia
54, 60.191, 25.725

Trichromacy



Original Color
54, 100.469, 332.244



Protanomaly
47, 91.622, 305.304



Deuteranomaly
48, 72.056, 312.658



Tritanomaly
52, 70.117, 357.008

Monochromacy



Original Color
54, 100.469, 332.244



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 52.942, 329.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 100.469, 332.244 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(233, 0, 212)` looks like.

```
.text, #text, p{  
    color:rgb(233, 0, 212)  
}
```

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(233, 0, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 0, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 100.469, 332.244 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(233, 0, 212) }
```

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

```
.border{ border-color:rgb(233, 0, 212) }
```

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

Here you see how a box with a 4 pixel rgb(233, 0, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 0, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 0, 212);  
box-shadow:4px 4px 4px 4px rgb(233, 0,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 100.469, 332.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 0, 212) }
```

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

```
.background{ background-color: rgb(233, 0,  
212) }
```

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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