

Converting Colors

CIELCh(54, 100.485, 332.045)

Have a look what the booklet for
CIELCh(54, 100.485, 332.045)
contains.

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Color

CIELCh(54, 100.380, 332.051)

Conversions

Conversions Part 1

Format	Color
Hex	E802D4
RGB	232, 2, 212
RGB Percent	91%, 1%, 83%
CMY	0.0896, 0.9935, 0.1681
CMYK	0.00, 0.99, 0.09, 0.09
HSL	305°, 99%, 46%
HSV	305°, 99%, 91%
XYZ	45.2424, 21.9746, 64.2320
YIQ	94.7100, 69.6700, 114.0700

Conversions

Conversions Part 2

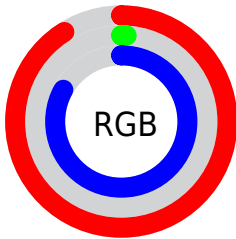
Format	Color
R _Y B	232, 2, 212
Decimal	15205076
CIE Lab	54.00, 88.67, -47.05
CIE LCh	54, 100.380, 332.051
Yxy	21.9746, 0.3442, 0.1672
Android (android.graphics.Color)	4293395156 (0xFFE802D4)
YUV	94.7100, 57.8240, 120.4033
Hunter-Lab	46.8770, 90.2408, -48.4266

Details

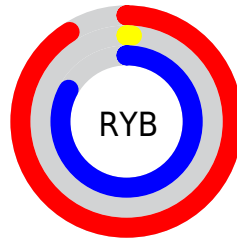
The CIELCh color **54, 100.380, 332.051** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **81, 109.722, 136.666**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.792, 327.510**, and **40, 80.361, 331.763** is the 20% darker color. If you saturate the color by 10%, you get **54, 100.455, 332.081**, and if you desaturate by 10%, it is **55, 98.781, 331.631**.

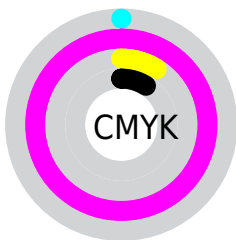
Distribution



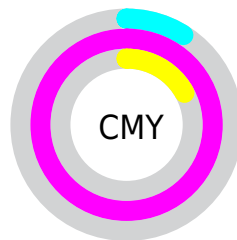
- Red (91%)
- Green (1%)
- Blue (83%)



- Red (91%)
- Yellow (1%)
- Blue (83%)



- Cyan (0%)
- Magenta (99%)
- Yellow (9%)
- Black (9%)





- Cyan (9%)
- Magenta (99%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 100.380, 332.051 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, 100.380, 332.051 by changing the saturation by 10% instead.


 54, 100.380,
332.051


 54, 100.380,
332.051


 100, 100.380,
332.051


 44, 100.380,
332.051


 74, 100.380,
332.051


 34, 100.380,
332.051


 84, 100.380,
332.051

 24, 100.380,
332.051

 94, 100.380,
332.051

 14, 100.380,
332.051

 4, 100.380,
332.051

 0, 100.380,
332.051

■ 54, 100.380,
332.051

■ 54, 100.380,
332.051

■ 54, 100.455,
332.081

■ 55, 98.781,
331.631

■ 56, 94.672,
331.197

■ 59, 87.791,
330.735

■ 62, 78.429,
330.238

■ 66, 67.107,
329.706

■ 71, 54.411,
329.147

■ 76, 40.878,
328.568

■ 81, 26.941,

327.980

■ 87, 12.919,
327.386

Harmonies

Complementary

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



54, 100.380, 332.051



81, 109.722, 136.666

Rectangle

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



54, 100.380, 332.051



54, 100.380, 22.051



54, 100.380, 152.051



54, 100.380, 202.051

Sweetspot

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



54, 100.377, 332.051



82, 45.169, 328.619



29, 123.877, 306.458



41, 30.737, 328.865



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, 100.377, 332.051



59, 107.813, 332.103



50, 78.729, 10.529



46, 7.970, 327.397



42, 83.488, 332.014



9, 36.109, 331.416

Inverse Universe

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



54, 100.377, 332.051



59, 107.813, 332.103



82, 75.974, 153.539



46, 7.970, 327.397



42, 83.488, 332.014



9, 36.109, 331.416

Previews

White Background



This preview shows how the CIELCh color 54, 100.380, 332.051 looks on a white background.

Color Contrast Check

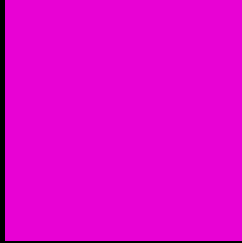
Large Text (above 18pt) WCAG AA ✓ Pass

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, 100.380, 332.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

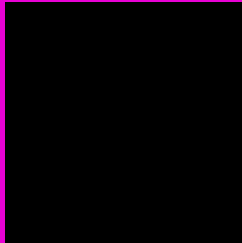
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 100.380, 332.051

Background



This preview shows how black text looks on a background with the CIELCh color 54, 100.380, 332.051.



This preview shows how white text looks on a background with the CIELCh color 54, 100.380,

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, 100.303, 332.052

Protanopia

55, 74.112, 287.549

Deuteranopia

55, 40.256, 281.286



Tritanopia
54, 59.604, 25.137

Trichromacy



Original Color
54, 100.303, 332.052



Protanomaly
47, 91.622, 305.304



Deuteranomaly
48, 72.056, 312.658



Tritanomaly
52, 70.006, 356.315

Monochromacy



Original Color
54, 100.303, 332.052



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 52.934, 329.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 100.380, 332.051 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, 2, 212)` looks like.

```
.text, #text, p{  
    color:rgb(232, 2, 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(232, 2, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 2, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 100.380, 332.051 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, 2, 212) }
```

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

```
.border{ border-color:rgb(232, 2, 212) }
```

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

Here you see how a box with a 4 pixel rgb(232, 2, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 2, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 2, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 2,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 100.380, 332.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 2, 212) }
```

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

```
.background{ background-color: rgb(232, 2,  
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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