

Converting Colors

CIELCh(54, 94.726, 337.904)

Have a look what the booklet for
CIELCh(54, 94.726, 337.904)
contains.

CIELCh(54, 94.180, 337.936)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 94.180, 337.936)

Conversions

Conversions Part 1

Format	Color
Hex	EE00C0
RGB	238, 0, 192
RGB Percent	93%, 0%, 75%
CMY	0.0668, 1.0000, 0.2471
CMYK	0.00, 1.00, 0.19, 0.07
HSL	312°, 100%, 47%
HSV	312°, 100%, 93%
XYZ	44.7610, 21.9746, 51.7379
YIQ	93.0500, 80.2160, 110.1680

Conversions

Conversions Part 2

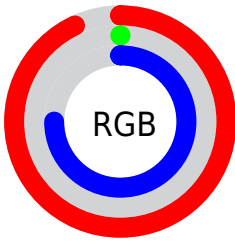
Format	Color
R_{YB}	238, 0, 192
Decimal	15597760
CIE _{Lab}	54.00, 87.28, -35.38
CIE _{LCh}	54, 94.180, 337.936
Yxy	21.9746, 0.3778, 0.1855
Android (android.graphics.Color)	4293787840 (0xFFEE00C0)
YUV	93.0500, 48.7824, 127.1211
Hunter-Lab	46.8770, 88.4079, -32.6241

Details

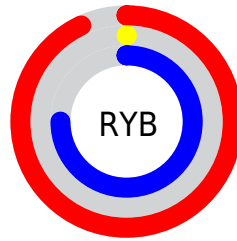
The CIELCh color **54, 94.180, 337.936** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **83, 107.930, 138.166**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 89.471, 328.716**, and **40, 74.170, 339.378** is the 20% darker color. If you saturate the color by 10%, you get **54, 94.172, 337.937**, and if you desaturate by 10%, it is **55, 93.334, 336.890**.

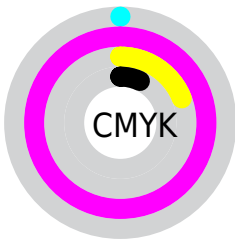
Distribution



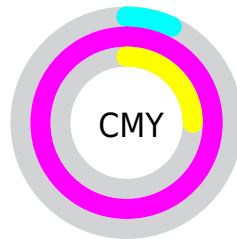
- Red (93%)
- Green (0%)
- Blue (75%)



- Red (93%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (7%)




- Cyan (7%)
- Magenta (100%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 94.180, 337.936 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, 94.180, 337.936 by changing the saturation by 10% instead.


 54, 94.180,
337.936

 54, 94.180,
337.936


 100, 94.180,
337.936


 44, 94.180,
337.936


 74, 94.180,
337.936

 34, 94.180,
337.936

 84, 94.180,
337.936

 24, 94.180,
337.936

 94, 94.180,
337.936

 14, 94.180,
337.936

 4, 94.180, 337.936

 0, 94.180, 337.936

■ 54, 94.180,
337.936

■ 54, 94.180,
337.936

■ 54, 94.172,
337.937

■ 55, 93.334,
336.890

■ 57, 90.009,
335.963

■ 59, 83.859,
335.129

■ 63, 75.189,
334.355

■ 67, 64.545,
333.620

■ 71, 52.533,
332.910

■ 77, 39.699,
332.220

■ 82, 26.476,

331.549

■ 88, 13.176,
330.890

Harmonies

Complementary

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



54, 94.180, 337.936



83, 107.930, 138.166

Rectangle

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



54, 94.180, 337.936



54, 94.180, 27.936



54, 94.180, 157.936



54, 94.180, 207.936

Sweetspot

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



54, 94.172, 337.937



82, 41.985, 332.228



31, 125.521, 307.025



41, 28.581, 332.517



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, 94.172, 337.937



58, 99.175, 337.981



50, 82.994, 20.593



47, 7.528, 330.856



42, 77.716, 337.745



9, 34.620, 336.177

Inverse Universe

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



54, 94.172, 337.937



58, 99.175, 337.981



84, 68.888, 160.172



47, 7.528, 330.856



42, 77.716, 337.745



9, 34.620, 336.177

Previews

White Background



This preview shows how the CIELCh color 54, 94.180, 337.936 looks on a white background.

Color Contrast Check

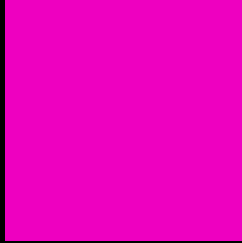
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.180, 337.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

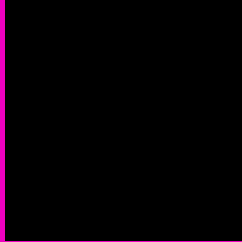
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 94.180, 337.936

Background



This preview shows how black text looks on a background with the CIELCh color 54, 94.180, 337.936.



This preview shows how white text looks on a background with the CIELCh color 54, 94.180, 337.936.

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, 94.180, 337.936

Protanopia

55, 74.066, 287.776

Deuteranopia

55, 29.513, 284.823



Tritanopia
54, 66.966, 27.811

Trichromacy



Original Color
54, 94.180, 337.936



Protanomaly
46, 88.459, 306.176



Deuteranomaly
48, 63.268, 319.979



Tritanomaly
53, 72.248, 3.466

Monochromacy



Original Color
54, 94.180, 337.936



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 50.526, 334.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 94.180, 337.936 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(238, 0, 192)` looks like.

```
.text, #text, p{  
    color:rgb(238, 0, 192)  
}
```

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(238, 0, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 0, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 94.180, 337.936 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(238, 0, 192) }
```

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

```
.border{ border-color:rgb(238, 0, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 0, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 0, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 0, 192);  
box-shadow:4px 4px 4px 4px rgb(238, 0,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 94.180, 337.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 0, 192) }
```

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

```
.background{ background-color: rgb(238, 0,  
192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor