

Converting Colors

CIELCh(54, 97.632, 333.141)

Have a look what the booklet for
CIELCh(54, 97.632, 333.141)
contains.

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Color

CIELCh(54, 97.632, 333.141)

Conversions

Conversions Part 1

Format	Color
Hex	E80ECF
RGB	232, 14, 207
RGB Percent	91%, 5%, 81%
CMY	0.0902, 0.9450, 0.1882
CMYK	0.00, 0.94, 0.11, 0.09
HSL	307°, 89%, 48%
HSV	307°, 94%, 91%
XYZ	44.6978, 21.9746, 60.9168
YIQ	101.1840, 67.9750, 106.2390

Conversions

Conversions Part 2

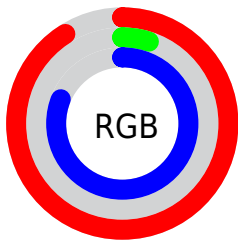
Format	Color
R _Y B	232, 14, 207
Decimal	15208143
CIE _{Lab}	54.00, 87.10, -44.11
CIE _{LCh}	54, 97.632, 333.141
Yxy	21.9746, 0.3503, 0.1722
Android (android.graphics.Color)	4293398223 (0xFFE80ECF)
YUV	101.1840, 52.1673, 114.7256
Hunter-Lab	46.8770, 88.1672, -44.2336

Details

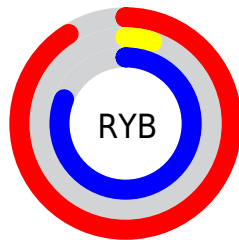
The CIELCh color **54, 97.632, 333.141** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **81, 106.699, 137.526**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.885, 327.481**, and **39, 78.553, 333.184** is the 20% darker color. If you saturate the color by 10%, you get **54, 98.213, 333.482**, and if you desaturate by 10%, it is **55, 94.988, 332.591**.

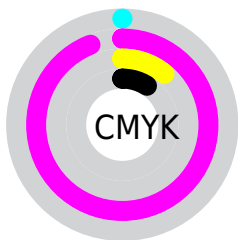
Distribution



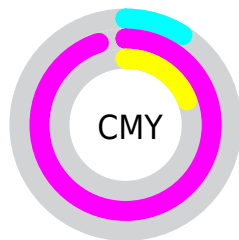
- Red (91%)
- Green (5%)
- Blue (81%)



- Red (91%)
- Yellow (5%)
- Blue (81%)



- Cyan (0%)
- Magenta (94%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (95%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 97.632, 333.141 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, 97.632, 333.141 by changing the saturation by 10% instead.


 54, 97.632,
333.141


 54, 97.632,
333.141


 100, 97.632,
333.141


 44, 97.632,
333.141


 74, 97.632,
333.141

 34, 97.632,
333.141

 84, 97.632,
333.141

 24, 97.632,
333.141

 94, 97.632,
333.141

 14, 97.632,
333.141

 4, 97.632, 333.141

 0, 97.632, 333.141

■ 54, 97.632,
333.141

■ 54, 97.632,
333.141

■ 54, 98.213,
333.482

■ 55, 94.988,
332.591

■ 57, 89.564,
332.048

■ 60, 81.491,
331.495

■ 64, 71.215,
330.925

■ 68, 59.313,
330.338

■ 73, 46.355,
329.738

■ 78, 32.820,
329.132

■ 84, 19.074,

328.525

 90, 5.374, 327.893

Harmonies

Complementary

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



54, 97.632, 333.141



81, 106.699, 137.526

Rectangle

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



54, 97.632, 333.141



54, 97.632, 23.141



54, 97.632, 153.141



54, 97.632, 203.141

Sweetspot

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



54, 97.629, 333.141



83, 41.392, 329.386



31, 121.053, 306.305



42, 28.521, 329.649



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, 97.629, 333.141



59, 105.442, 333.513



50, 77.671, 9.451



45, 7.677, 328.250



41, 80.842, 333.383



8, 34.395, 332.503

Inverse Universe

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



54, 97.629, 333.141



59, 105.442, 333.513



82, 72.310, 155.790



45, 7.677, 328.250



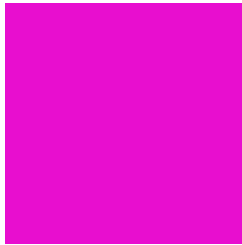
41, 80.842, 333.383



8, 34.395, 332.503

Previews

White Background



This preview shows how the CIELCh color 54, 97.632, 333.141 looks on a white background.

Color Contrast Check

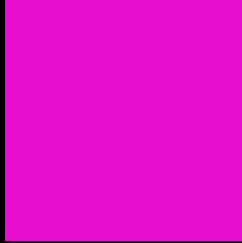
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.632, 333.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

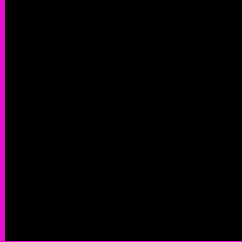
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 97.632, 333.141

Background



This preview shows how black text looks on a background with the CIELCh color 54, 97.632, 333.141.



This preview shows how white text looks on a background with the CIELCh color 54, 97.632, 333.141.

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, 97.632, 333.141

Protanopia

55, 74.127, 287.477

Deuteranopia

54, 37.886, 282.012



Tritanopia
54, 60.672, 25.877

Trichromacy



Original Color
54, 97.632, 333.141



Protanomaly
47, 88.815, 304.516



Deuteranomaly
49, 67.208, 313.517



Tritanomaly
52, 68.661, 358.393

Monochromacy



Original Color
54, 97.632, 333.141



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 49.749, 330.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 97.632, 333.141 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, 14, 207)` looks like.

```
.text, #text, p{  
    color:rgb(232, 14, 207)  
}
```

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, 14, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 14, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 97.632, 333.141 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, 14, 207) }
```

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

```
.border{ border-color:rgb(232, 14, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 14, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 14, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 14, 207);  
box-shadow:4px 4px 4px 4px rgb(232, 14,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 97.632, 333.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 14, 207) }
```

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

```
.background{ background-color: rgb(232, 14,  
207) }
```

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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