

Converting Colors

CIELCh(54, 103.631, 327.875)

Have a look what the booklet for
CIELCh(54, 103.631, 327.875)
contains.

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Color

CIELCh(54, 103.583, 327.990)

Conversions

Conversions Part 1

Format	Color
Hex	E115E2
RGB	225, 21, 226
RGB Percent	88%, 8%, 89%
CMY	0.1184, 0.9196, 0.1145
CMYK	0.00, 0.91, 0.00, 0.11
HSL	300°, 83%, 48%
HSV	300°, 91%, 89%
XYZ	44.9515, 21.9746, 73.6904
YIQ	105.3660, 55.7790, 107.0030

Conversions

Conversions Part 2

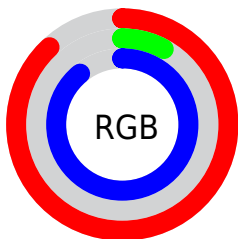
Format	Color
R _{YB}	225, 21, 226
Decimal	14751202
CIE _{Lab}	54.00, 87.83, -54.91
CIE _{LCh}	54, 103.583, 327.990
Y _{xy}	21.9746, 0.3197, 0.1563
Android (android.graphics.Color)	4292941282 (0xFFE115E2)
YUV	105.3660, 59.4726, 104.9190
Hunter-Lab	46.8770, 89.1332, -60.3896

Details

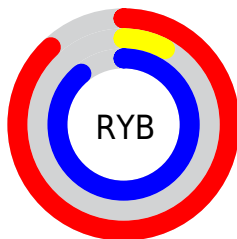
The CIELCh color **54, 103.583, 327.990** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **79, 106.972, 136.310**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **39, 85.406, 327.081** is the 20% darker color. If you saturate the color by 10%, you get **53, 105.444, 328.036**, and if you desaturate by 10%, it is **55, 99.358, 327.865**.

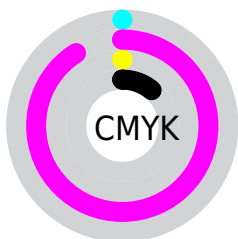
Distribution



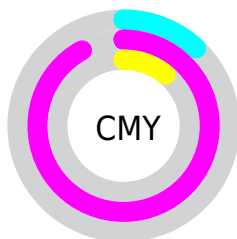
- Red (88%)
- Green (8%)
- Blue (89%)



- Red (88%)
- Yellow (8%)
- Blue (89%)



- Cyan (0%)
- Magenta (91%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (92%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 103.583, 327.990 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, 103.583, 327.990 by changing the saturation by 10% instead.


 54, 103.583,
327.990


 54, 103.583,
327.990


 100, 103.583,
327.990


 44, 103.583,
327.990


 74, 103.583,
327.990


 34, 103.583,
327.990


 84, 103.583,
327.990

 24, 103.583,
327.990

 94, 103.583,
327.990

 14, 103.583,
327.990

 4, 103.583,
327.990

 0, 103.583,
327.990

■ 54, 103.583,
327.990

■ 54, 103.583,
327.990

■ 53, 105.444,
328.036

■ 55, 99.358,
327.865

■ 57, 92.424,
327.645

■ 60, 82.986,
327.333

■ 64, 71.507,
326.940

■ 68, 58.550,
326.482

■ 73, 44.655,
325.978

■ 78, 30.275,
325.444

■ 84, 15.752,

324.890

■ 89, 1.328, 324.151

Harmonies

Complementary

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



54, 103.583, 327.990



79, 106.972, 136.310

Rectangle

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



54, 103.583, 327.990



54, 103.583, 17.990



54, 103.583, 147.990



54, 103.583, 197.990

Sweetspot

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



54, 103.580, 327.990



84, 43.096, 325.781



30, 116.379, 305.328



43, 29.000, 325.962



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, 103.580, 327.990



60, 115.590, 328.035



50, 76.467, 357.518



44, 8.141, 324.807



42, 87.506, 328.039



8, 35.925, 328.065

Inverse Universe

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



48, 90.066, 37.610



53, 104.378, 39.864



79, 78.629, 150.043



44, 4.727, 19.536



36, 78.897, 39.753



6, 25.528, 20.733

Previews

White Background



This preview shows how the CIE LCh color 54, 103.583, 327.990 looks on a white background.

Color Contrast Check

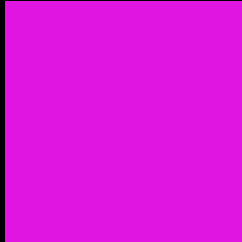
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103.583, 327.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

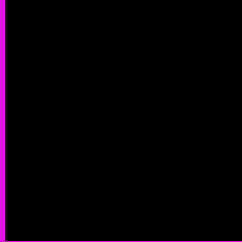
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 103.583, 327.990

Background



This preview shows how black text looks on a background with the CIELCh color 54, 103.583, 327.990.



This preview shows how white text looks on a background with the CIELCh color 54, 103.583, 327.990.

327.990.

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, 103.583, 327.990

Protanopia

55, 74.156, 287.336

Deuteranopia

54, 48.093, 279.858



Tritanopia
54, 52.530, 23.311

Trichromacy



Original Color
54, 103.583, 327.990



Protanomaly
48, 90.292, 303.426



Deuteranomaly
48, 74.534, 307.015



Tritanomaly
52, 65.503, 351.559

Monochromacy



Original Color
54, 103.583, 327.990



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 50.670, 326.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 103.583, 327.990 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(225, 21, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 21, 226)  
}
```

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(225, 21, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 21, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 103.583, 327.990 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(225, 21, 226) }
```

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

```
.border{ border-color:rgb(225, 21, 226) }
```

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

Here you see how a box with a 4 pixel rgb(225, 21, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 21, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 21, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 21,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 103.583, 327.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 21, 226) }
```

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

```
.background{ background-color: rgb(225, 21,  
226) }
```

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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