

Converting Colors

CIELCh(54, 115.764, 322.955)

Have a look what the booklet for
CIELCh(54, 115.764, 322.955)
contains.

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Color

CIELCh(54, 115.687, 322.949)

Conversions

Conversions Part 1

Format	Color
Hex	DA01FC
RGB	218, 1, 252
RGB Percent	85%, 0%, 99%
CMY	0.1448, 0.9949, 0.0115
CMYK	0.13, 0.99, 0.00, 0.01
HSL	292°, 99%, 50%
HSV	292°, 99%, 99%
XYZ	46.5259, 21.9746, 93.9356
YIQ	94.4970, 48.7610, 124.0650

Conversions

Conversions Part 2

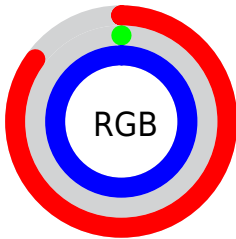
Format	Color
RYB	218, 1, 252
Decimal	14287356
CIELab	54.00, 92.33, -69.70
CIElCh	54, 115.687, 322.949
Yxy	21.9746, 0.2864, 0.1353
Android (android.graphics.Color)	4292477436 (0xFFDA01FC)
YUV	94.4970, 77.6490, 108.3121
Hunter-Lab	46.8770, 95.1283, -85.9957

Details

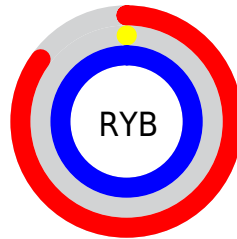
The CIELCh color **54, 115.687, 322.949** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **87, 117.638, 135.419**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.792, 327.510**, and **40, 95.752, 321.009** is the 20% darker color. If you saturate the color by 10%, you get **54, 115.795, 322.930**, and if you desaturate by 10%, it is **55, 112.972, 323.281**.

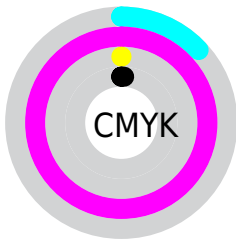
Distribution



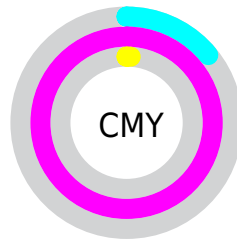
- Red (85%)
- Green (0%)
- Blue (99%)



- Red (85%)
- Yellow (0%)
- Blue (99%)



- Cyan (13%)
- Magenta (99%)
- Yellow (0%)
- Black (1%)





- Cyan (14%)
- Magenta (99%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 115.687, 322.949 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, 115.687, 322.949 by changing the saturation by 10% instead.


 54, 115.687,
322.949


 54, 115.687,
322.949


 100, 115.687,
322.949


 44, 115.687,
322.949


 74, 115.687,
322.949


 34, 115.687,
322.949


 84, 115.687,
322.949

 24, 115.687,
322.949

 94, 115.687,
322.949

 14, 115.687,
322.949

 4, 115.687,
322.949

 0, 115.687,
322.949

■ 54, 115.687,
322.949

■ 54, 115.687,
322.949

■ 54, 115.795,
322.930

■ 55, 112.972,
323.281

■ 58, 107.396,
323.434

■ 61, 98.789,
323.403

■ 65, 87.604,
323.218

■ 69, 74.496,
322.914

■ 75, 60.127,
322.526

■ 81, 45.056,
322.085

■ 87, 29.705,

321.615

93, 14.370,
321.130

Harmonies

Complementary

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



54, 115.687, 322.949



87, 117.638, 135.419

Rectangle

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



54, 115.687, 322.949



54, 115.687, 12.949



54, 115.687, 142.949



54, 115.687, 192.949

Sweetspot

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



54, 115.685, 322.949



81, 46.271, 322.110



35, 122.997, 304.182



41, 31.544, 322.300



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, 115.685, 322.949



55, 116.818, 322.927



56, 88.488, 349.146



49, 8.550, 321.130



40, 93.127, 323.019



10, 42.055, 323.654

Inverse Universe

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



53, 96.821, 34.607



53, 98.049, 34.853



87, 101.963, 142.453



49, 5.239, 9.060



39, 77.397, 33.927



9, 31.316, 20.603

Previews

White Background



This preview shows how the CIE LCh color 54, 115.687, 322.949 looks on a white background.

Color Contrast Check

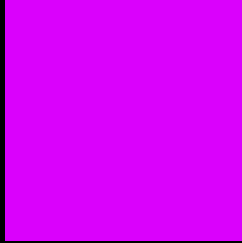
Large Text (above 18pt) WCAG AA ✓ Pass

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, 115.687, 322.949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

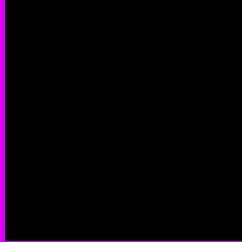
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 115.687, 322.949

Background



This preview shows how black text looks on a background with the CIELCh color 54, 115.687, 322.949.



This preview shows how white text looks on a background with the CIELCh color 54, 115.687, 322.949.

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, 115.687, 322.949

Protanopia

55, 74.142, 287.406

Deuteranopia

55, 60.179, 277.602



Tritanopia
54, 43.033, 20.058

Trichromacy



Original Color
54, 115.687, 322.949



Protanomaly
47, 99.554, 304.343



Deuteranomaly
45, 91.305, 300.161



Tritanomaly
51, 68.217, 341.787

Monochromacy



Original Color
54, 115.687, 322.949



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 58.707, 323.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 115.687, 322.949 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(218, 1, 252)` looks like.

```
.text, #text, p{  
    color:rgb(218, 1, 252)  
}
```

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(218, 1, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 1, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 115.687, 322.949 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(218, 1, 252) }
```

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

```
.border{ border-color:rgb(218, 1, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 1, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 1, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 1, 252);  
box-shadow:4px 4px 4px 4px rgb(218, 1,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 115.687, 322.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 1, 252) }
```

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

```
.background{ background-color: rgb(218, 1,  
252) }
```

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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