

Converting Colors

CIELCh(54, 114.375, 321.598)

Have a look what the booklet for
CIELCh(54, 114.375, 321.598)
contains.

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Color

CIELCh(54, 114.252, 321.596)

Conversions

Conversions Part 1

Format	Color
Hex	D41BFE
RGB	212, 27, 254
RGB Percent	83%, 11%, 100%
CMY	0.1676, 0.8957, 0.0029
CMYK	0.17, 0.90, 0.00, 0.00
HSL	289°, 99%, 55%
HSV	289°, 90%, 100%
XYZ	45.5425, 21.9746, 95.8268
YIQ	108.1930, 37.3930, 109.8170

Conversions

Conversions Part 2

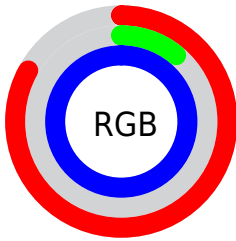
Format	Color
R _Y B	212, 27, 254
Decimal	13900798
CIE Lab	54.00, 89.53, -70.97
CIE LCh	54, 114.252, 321.596
Yxy	21.9746, 0.2788, 0.1345
Android (android.graphics.Color)	4292090878 (0xFFD41BFE)
YUV	108.1930, 71.8829, 91.0387
Hunter-Lab	46.8770, 91.3837, -88.3876

Details

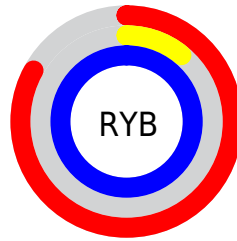
The CIELCh color **54, 114.252, 321.596** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **88, 114.039, 134.631**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.498, 327.438**, and **39, 97.060, 319.648** is the 20% darker color. If you saturate the color by 10%, you get **52, 117.201, 321.148**, and if you desaturate by 10%, it is **56, 108.346, 321.829**.

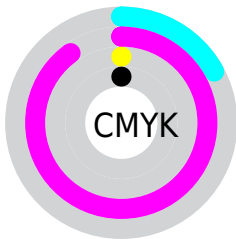
Distribution



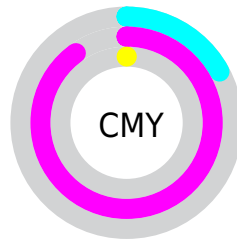
- Red (83%)
- Green (11%)
- Blue (100%)



- Red (83%)
- Yellow (11%)
- Blue (100%)



- Cyan (17%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (90%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 114.252, 321.596 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, 114.252, 321.596 by changing the saturation by 10% instead.


 54, 114.252,
321.596


 54, 114.252,
321.596


 100, 114.252,
321.596


 44, 114.252,
321.596


 74, 114.252,
321.596

 34, 114.252,
321.596


 84, 114.252,
321.596

 24, 114.252,
321.596

 94, 114.252,
321.596

 14, 114.252,
321.596

 4, 114.252,
321.596

 0, 114.252,
321.596

■ 54, 114.252,
321.596

■ 54, 114.252,
321.596

■ 52, 117.201,
321.148

■ 56, 108.346,
321.829

■ 52, 117.310,
321.125

■ 60, 99.378,
321.849

■ 64, 87.873,
321.693

■ 69, 74.535,
321.408

■ 75, 60.036,
321.035

■ 81, 44.926,
320.608

■ 87, 29.605,
320.153

■ 93, 14.347,

319.687

100, 0.408,
136.471

Harmonies

Complementary

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



54, 114.252, 321.596



88, 114.039, 134.631

Rectangle

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



54, 114.252, 321.596



54, 114.252, 11.596



54, 114.252, 141.596



54, 114.252, 191.596

Sweetspot

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



54, 114.250, 321.596



83, 41.140, 320.494



41, 107.002, 300.211



42, 27.739, 320.647



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, 114.250, 321.596



53, 117.568, 321.124



57, 91.272, 343.294



50, 8.571, 319.685



39, 94.652, 321.238



10, 43.415, 322.036

Inverse Universe

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



54, 87.873, 26.223



53, 94.903, 31.733



88, 100.373, 142.773



50, 5.401, 5.268



40, 75.720, 30.737



10, 32.076, 19.492

Previews

White Background



This preview shows how the CIELCh color 54, 114.252, 321.596 looks on a white background.

Color Contrast Check

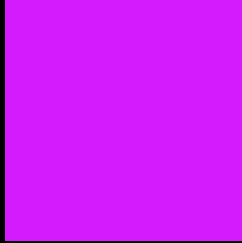
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114.252, 321.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

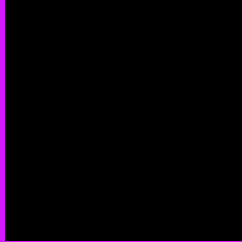
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 114.252, 321.596

Background



This preview shows how black text looks on a background with the CIELCh color 54, 114.252, 321.596.



This preview shows how white text looks on a background with the CIELCh color 54, 114.252, 321.596.

321.596.

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, 114.093, 321.583

Protanopia

54, 74.794, 287.495

Deuteranopia

54, 59.696, 277.507



Tritanopia
54, 38.635, 18.739

Trichromacy



Original Color
54, 114.093, 321.583



Protanomaly
49, 95.605, 302.611



Deuteranomaly
47, 85.810, 297.966



Tritanomaly
52, 62.658, 339.326

Monochromacy



Original Color
54, 114.093, 321.583



Achromatopsia
46, 0.006, 296.813



Achromatomaly
44, 53.486, 321.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 114.252, 321.596 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(212, 27, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 27, 254)  
}
```

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(212, 27, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 27, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 114.252, 321.596 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(212, 27, 254) }
```

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

```
.border{ border-color:rgb(212, 27, 254) }
```

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

Here you see how a box with a 4 pixel rgb(212, 27, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 27, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 27, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 27,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 114.252, 321.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 27, 254) }
```

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

```
.background{ background-color: rgb(212, 27,  
254) }
```

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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