

Converting Colors

CIELCh(52, 113.429, 322.441)

Have a look what the booklet for
CIELCh(52, 113.429, 322.441)
contains.

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Color

CIELCh(52, 113.319, 322.501)

Conversions

Conversions Part 1

Format	Color
Hex	D101F5
RGB	209, 1, 245
RGB Percent	82%, 0%, 96%
CMY	0.1810, 0.9946, 0.0398
CMYK	0.15, 0.99, 0.00, 0.04
HSL	291°, 99%, 48%
HSV	291°, 99%, 96%
XYZ	42.7216, 20.1443, 87.8977
YIQ	91.0080, 45.6440, 119.9800

Conversions

Conversions Part 2

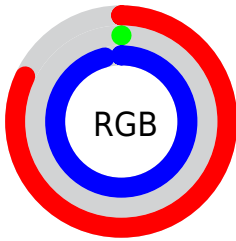
Format	Color
R_{YB}	209, 1, 245
Decimal	13697525
CIE _{Lab}	52.00, 89.90, -68.98
CIE _{LCh}	52, 113.319, 322.501
Yxy	20.1443, 0.2834, 0.1336
Android (android.graphics.Color)	4291887605 (0xFFD101F5)
YUV	91.0080, 75.9181, 103.4790
Hunter-Lab	44.8824, 91.3619, -84.6957

Details

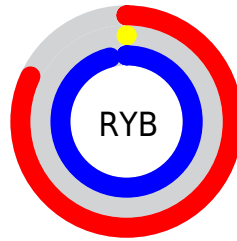
The CIELCh color **52, 113.319, 322.501** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **85, 114.894, 135.310**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 92.684, 327.538**, and **38, 93.760, 320.435** is the 20% darker color. If you saturate the color by 10%, you get **52, 113.441, 322.479**, and if you desaturate by 10%, it is **53, 110.549, 322.859**.

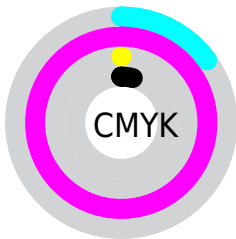
Distribution



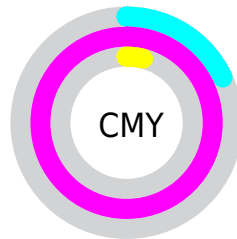
- Red (82%)
- Green (0%)
- Blue (96%)



- Red (82%)
- Yellow (0%)
- Blue (96%)



- Cyan (15%)
- Magenta (99%)
- Yellow (0%)
- Black (4%)





- Cyan (18%)
- Magenta (99%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 113.319, 322.501 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 52, 113.319, 322.501 by changing the saturation by 10% instead.


 52, 113.319,
322.501


 52, 113.319,
322.501


 100, 113.319,
322.501


 42, 113.319,
322.501


 72, 113.319,
322.501


 32, 113.319,
322.501


 82, 113.319,
322.501

 22, 113.319,
322.501

 92, 113.319,
322.501

 12, 113.319,
322.501

 2, 113.319,
322.501

 0, 113.319,
322.501

■ 52, 113.319,
322.501

■ 52, 113.319,
322.501

■ 52, 113.441,
322.479

■ 53, 110.549,
322.859

■ 56, 104.974,
323.029

■ 59, 96.445,
323.009

■ 63, 85.426,
322.831

■ 67, 72.568,
322.531

■ 73, 58.515,
322.148

■ 78, 43.807,
321.711

■ 84, 28.847,

321.246

91, 13.916,
320.767

Harmonies

Complementary

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



52, 113.319, 322.501



85, 114.894, 135.310

Rectangle

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



52, 113.319, 322.501



52, 113.319, 12.501



52, 113.319, 142.501



52, 113.319, 192.501

Sweetspot

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



52, 113.317, 322.501



81, 46.134, 321.740



34, 120.149, 304.143



41, 31.457, 321.928



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 113.317, 322.501



54, 116.992, 322.468



54, 86.585, 349.090



48, 8.376, 320.769



39, 92.321, 322.572



9, 40.954, 323.293

Inverse Universe

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



51, 93.841, 33.769



53, 97.267, 34.127



85, 99.638, 142.497



48, 5.167, 8.094



39, 75.961, 33.113



8, 30.211, 18.975

Previews

White Background



This preview shows how the CIELCh color 52, 113.319, 322.501 looks on a white background.

Color Contrast Check

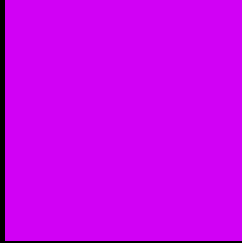
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 113.319, 322.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

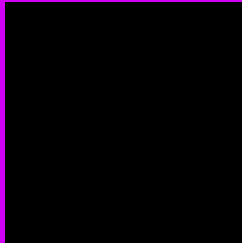
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 113.319, 322.501

Background



This preview shows how black text looks on a background with the CIELCh color 52, 113.319, 322.501.



This preview shows how white text looks on a background with the CIELCh color 52, 113.319, 322.501.

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

52, 113.401, 322.507

Protanopia

53, 77.504, 287.491

Deuteranopia

53, 57.755, 277.109



Tritanopia
52, 40.682, 19.522

Trichromacy



Original Color

52, 113.401, 322.507



Protanomaly

44, 101.273, 301.998



Deuteranomaly

43, 88.408, 300.085



Tritanomaly

49, 66.003, 340.691

Monochromacy



Original Color

52, 113.401, 322.507



Achromatopsia

39, 0.005, 296.813



Achromatomaly

38, 57.608, 322.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 113.319, 322.501 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(209, 1, 245)` looks like.

```
.text, #text, p{  
    color:rgb(209, 1, 245)  
}
```

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(209, 1, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 1, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 113.319, 322.501 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(209, 1, 245) }
```

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

```
.border{ border-color:rgb(209, 1, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 1, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 1, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 1, 245);  
box-shadow:4px 4px 4px 4px rgb(209, 1,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 113.319, 322.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 1, 245) }
```

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

```
.background{ background-color: rgb(209, 1,  
245) }
```

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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