

Converting Colors

CIELCh(50, 115.517, 319.152)

Have a look what the booklet for
CIELCh(50, 115.517, 319.152)
contains.

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Color

CIELCh(50, 115.674, 319.047)

Conversions

Conversions Part 1

Format	Color
Hex	BF10FB
RGB	191, 16, 251
RGB Percent	75%, 6%, 98%
CMY	0.2509, 0.9369, 0.0156
CMYK	0.24, 0.94, 0.00, 0.02
HSL	285°, 97%, 52%
HSV	285°, 94%, 98%
XYZ	39.0945, 18.4187, 92.7805
YIQ	95.1150, 28.8650, 110.1850

Conversions

Conversions Part 2

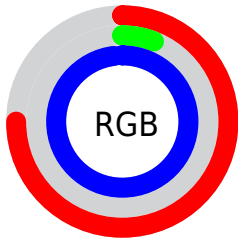
Format	Color
R_{YB}	191, 16, 251
Decimal	12521723
CIE _{Lab}	50.00, 87.36, -75.82
CIE _{LCh}	50, 115.674, 319.047
Yxy	18.4187, 0.2601, 0.1226
Android (android.graphics.Color)	4290711803 (0xFFBF10FB)
YUV	95.1150, 76.8513, 84.0911
Hunter-Lab	42.9170, 87.4968, -98.1349

Details

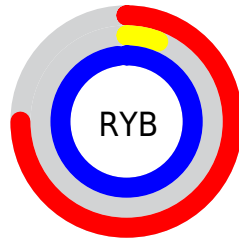
The CIELCh color **50, 115.674, 319.047** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed purple. A complement of this color would be **87, 113.176, 133.700**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 92.481, 326.942**, and **35, 97.612, 316.513** is the 20% darker color. If you saturate the color by 10%, you get **49, 117.494, 318.651**, and if you desaturate by 10%, it is **52, 110.628, 319.474**.

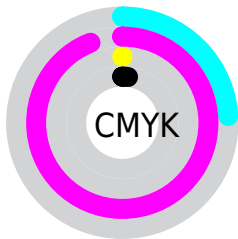
Distribution



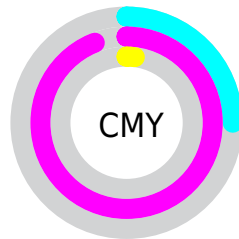
- Red (75%)
- Green (6%)
- Blue (98%)



- Red (75%)
- Yellow (6%)
- Blue (98%)



- Cyan (24%)
- Magenta (94%)
- Yellow (0%)
- Black (2%)





- Cyan (25%)
- Magenta (94%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 115.674, 319.047 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 50, 115.674, 319.047 by changing the saturation by 10% instead.


 50, 115.674,
319.047


 50, 115.674,
319.047


 100, 115.674,
319.047


 40, 115.674,
319.047


 70, 115.674,
319.047


 30, 115.674,
319.047


 80, 115.674,
319.047


 20, 115.674,
319.047

 90, 115.674,
319.047

 10, 115.674,
319.047

 0, 115.674,
319.047

 50, 115.674,

 50, 115.674,

319.047

319.047

■ 49, 117.494,
318.651

■ 52, 110.628,
319.474

■ 56, 102.404,
319.630

■ 60, 91.498,
319.563

■ 65, 78.643,
319.333

■ 71, 64.556,
318.994

■ 77, 49.816,
318.589

■ 83, 34.844,
318.152

■ 90, 19.920,
317.705

Harmonies

Complementary

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



50, 115.674, 319.047



87, 113.176, 133.700

Rectangle

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



50, 115.674, 319.047



50, 115.674, 9.047



50, 115.674, 139.047



50, 115.674, 189.047

Sweetspot

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



50, 115.673, 319.047



81, 41.980, 318.348



42, 101.526, 298.559



41, 29.025, 318.536



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 115.673, 319.047



50, 118.906, 318.644



57, 94.978, 339.656



49, 8.267, 317.520



37, 94.743, 318.799



8, 42.642, 319.888

Inverse Universe

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



53, 86.182, 22.621



54, 90.578, 26.252



87, 106.683, 140.043



49, 5.458, 359.979



40, 71.647, 25.113



9, 30.737, 14.821

Previews

White Background



This preview shows how the CIE LCh color 50, 115.674, 319.047 looks on a white background.

Color Contrast Check

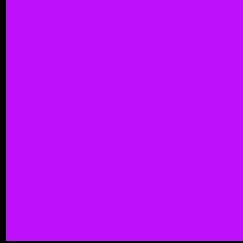
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 115.674, 319.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

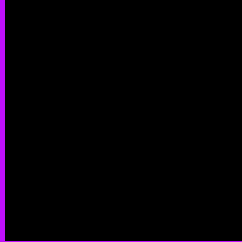
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 115.674, 319.047

Background



This preview shows how black text looks on a background with the CIELCh color 50, 115.674, 319.047.



This preview shows how white text looks on a background with the CIELCh color 50, 115.674, 319.047.

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

50, 115.674, 319.047

Protanopia

51, 74.127, 287.021

Deuteranopia

50, 54.307, 276.092



Tritanopia
50, 30.270, 15.950

Trichromacy



Original Color
50, 115.674, 319.047



Protanomaly
44, 97.210, 300.484



Deuteranomaly
43, 84.718, 298.820



Tritanomaly
47, 61.219, 333.258

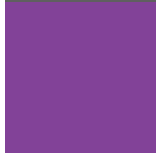
Monochromacy



Original Color
50, 115.674, 319.047



Achromatopsia
40, 0.006, 296.813



Achromatomaly
39, 55.112, 319.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 115.674, 319.047 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(191, 16, 251)` looks like.

```
.text, #text, p{  
    color:rgb(191, 16, 251)  
}
```

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(191, 16, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 16, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 115.674, 319.047 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(191, 16, 251) }
```

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

```
.border{ border-color:rgb(191, 16, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 16, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 16, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 16, 251);  
box-shadow:4px 4px 4px 4px rgb(191, 16,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 115.674, 319.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 16, 251) }
```

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

```
.background{ background-color: rgb(191, 16,  
251) }
```

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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