

Converting Colors

CIELCh(51, 115.672, 318.591)

Have a look what the booklet for
CIELCh(51, 115.672, 318.591)
contains.

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Color

CIELCh(51, 115.672, 318.591)

Conversions

Conversions Part 1

Format	Color
Hex	C01BFF
RGB	192, 27, 255
RGB Percent	75%, 11%, 100%
CMY	0.2462, 0.8925, 0.0000
CMYK	0.25, 0.89, 0.00, 0.00
HSL	283°, 100%, 55%
HSV	283°, 89%, 100%
XYZ	40.2740, 19.2686, 96.3721
YIQ	102.3270, 25.1520, 105.8880

Conversions

Conversions Part 2

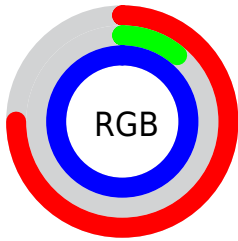
Format	Color
R_{YB}	192, 27, 255
Decimal	12590079
CIE _{Lab}	51.00, 86.75, -76.51
CIE _{LCh}	51, 115.672, 318.591
Yxy	19.2686, 0.2583, 0.1236
Android (android.graphics.Color)	4290780159 (0xFFC01BFF)
YUV	102.3270, 75.2678, 78.6432
Hunter-Lab	43.8960, 86.9532, -99.4417

Details

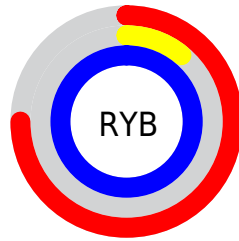
The CIELCh color **51, 115.672, 318.591** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **89, 111.983, 133.091**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.811, 327.279**, and **36, 99.293, 316.237** is the 20% darker color. If you saturate the color by 10%, you get **49, 119.128, 318.008**, and if you desaturate by 10%, it is **54, 108.914, 318.934**.

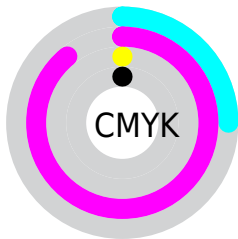
Distribution



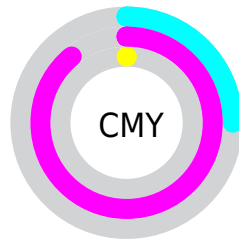
- Red (75%)
- Green (11%)
- Blue (100%)



- Red (75%)
- Yellow (11%)
- Blue (100%)



- Cyan (25%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (89%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 115.672, 318.591 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 51, 115.672, 318.591 by changing the saturation by 10% instead.


 51, 115.672,
318.591


 51, 115.672,
318.591


 100, 115.672,
318.591


 41, 115.672,
318.591


 71, 115.672,
318.591


 31, 115.672,
318.591


 81, 115.672,
318.591

 21, 115.672,
318.591

 91, 115.672,
318.591

 11, 115.672,
318.591

 1, 115.672,
318.591

 0, 115.672,
318.591

■ 51, 115.672,
318.591

■ 51, 115.672,
318.591

■ 49, 119.128,
318.008

■ 54, 108.914,
318.934

■ 49, 119.342,
317.960

■ 58, 99.185,
318.991

■ 63, 87.080,
318.846

■ 68, 73.373,
318.559

■ 74, 58.740,
318.183

■ 81, 43.688,
317.759

■ 87, 28.567,
317.316

■ 94, 13.602,

316.869

100, 0.012,
296.813

Harmonies

Complementary

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



51, 115.672, 318.591



89, 111.983, 133.091

Rectangle

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



51, 115.672, 318.591



51, 115.672, 8.591



51, 115.672, 138.591



51, 115.672, 188.591

Sweetspot

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



51, 115.587, 318.612



82, 40.277, 317.660



46, 95.414, 296.322



41, 27.184, 317.810



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 115.587, 318.612



49, 119.342, 317.960



59, 96.654, 338.145



50, 8.359, 316.880



36, 96.041, 318.116



9, 43.933, 319.215

Inverse Universe

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



55, 84.199, 18.537



54, 89.474, 24.497



88, 106.315, 140.345



50, 5.601, 358.509



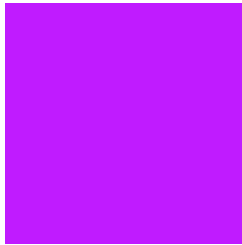
40, 71.565, 23.408



10, 31.568, 14.376

Previews

White Background



This preview shows how the CIELCh color 51, 115.672, 318.591 looks on a white background.

Color Contrast Check

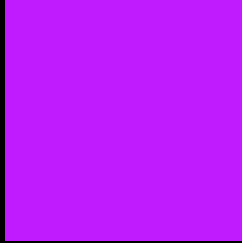
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 115.672, 318.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

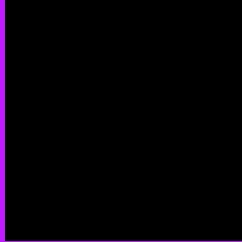
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 115.672, 318.591

Background



This preview shows how black text looks on a background with the CIELCh color 51, 115.672, 318.591.



This preview shows how white text looks on a background with the CIELCh color 51, 115.672, 318.591.

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

51, 115.672, 318.591

Protanopia

52, 75.598, 287.212

Deuteranopia

51, 54.764, 275.742



Tritanopia
51, 29.249, 14.362

Trichromacy



Original Color
51, 115.672, 318.591



Protanomaly
45, 96.808, 299.830



Deuteranomaly
45, 82.484, 297.469



Tritanomaly
48, 59.781, 332.237

Monochromacy



Original Color
51, 115.672, 318.591



Achromatopsia
44, 0.006, 296.813



Achromatomaly
42, 52.307, 318.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 115.672, 318.591 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(192, 27, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 27, 255)  
}
```

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(192, 27, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 27, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 115.672, 318.591 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(192, 27, 255) }
```

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

```
.border{ border-color:rgb(192, 27, 255) }
```

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

Here you see how a box with a 4 pixel rgb(192, 27, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 27, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 27, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 27,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 115.672, 318.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 27, 255) }
```

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

```
.background{ background-color: rgb(192, 27,  
255) }
```

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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