

Converting Colors

CIELCh(58, 115.948, 325.904)

Have a look what the booklet for
CIELCh(58, 115.948, 325.904)
contains.

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Color

CIELCh(58, 115.711, 326.029)

Conversions

Conversions Part 1

Format	Color
Hex	F103FF
RGB	241, 3, 255
RGB Percent	95%, 1%, 100%
CMY	0.0552, 0.9894, 0.0003
CMYK	0.05, 0.99, 0.00, 0.00
HSL	297°, 100%, 51%
HSV	297°, 99%, 100%
XYZ	54.3180, 25.9610, 96.6981
YIQ	102.8900, 60.9560, 128.8280

Conversions

Conversions Part 2

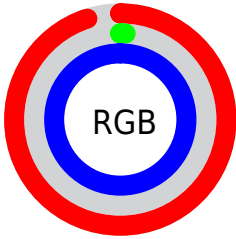
Format	Color
RYB	241, 3, 255
Decimal	15795199
CIELab	58.00, 95.96, -64.66
CIElCh	58, 115.711, 326.029
Yxy	25.9610, 0.3069, 0.1467
Android (android.graphics.Color)	4293985279 (0xFFFF103FF)
YUV	102.8900, 74.9902, 121.1225
Hunter-Lab	50.9519, 101.1264, -76.8559

Details

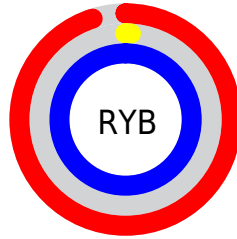
The CIELCh color **58, 115.711, 326.029** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **88, 119.263, 135.878**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **44, 95.686, 324.861** is the 20% darker color. If you saturate the color by 10%, you get **58, 115.901, 326.015**, and if you desaturate by 10%, it is **59, 113.216, 326.135**.

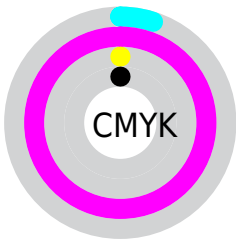
Distribution



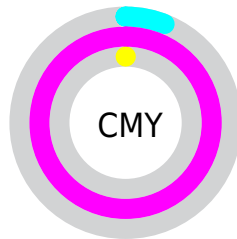
- Red (95%)
- Green (1%)
- Blue (100%)



- Red (95%)
- Yellow (1%)
- Blue (100%)



- Cyan (5%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (99%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 115.711, 326.029 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 58, 115.711, 326.029 by changing the saturation by 10% instead.


 58, 115.711,
326.029


 58, 115.711,
326.029


 100, 115.711,
326.029


 48, 115.711,
326.029


 78, 115.711,
326.029


 38, 115.711,
326.029


 88, 115.711,
326.029

 28, 115.711,
326.029

 98, 115.711,
326.029

 18, 115.711,
326.029

 8, 115.711,
326.029

 0, 115.711,
326.029

■ 58, 115.711,
326.029

■ 58, 115.711,
326.029

■ 58, 115.901,
326.015

■ 59, 113.216,
326.135

■ 61, 107.891,
326.116

■ 64, 99.540,
325.968

■ 67, 88.520,
325.702

■ 72, 75.426,
325.341

■ 77, 60.907,
324.908

■ 82, 45.542,
324.427

■ 88, 29.793,

323.917

94, 13.994,
323.389

Harmonies

Complementary

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



58, 115.711, 326.029



88, 119.263, 135.878

Rectangle

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



58, 115.711, 326.029



58, 115.711, 16.029



58, 115.711, 146.029



58, 115.711, 196.029

Sweetspot

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



58, 115.709, 326.029



82, 47.204, 324.480



33, 130.399, 305.611



41, 32.142, 324.686



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 115.709, 326.029



58, 115.924, 326.015



55, 85.917, 356.230



50, 8.903, 323.419



44, 93.364, 326.052



12, 42.932, 326.312

Inverse Universe

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



53, 101.844, 38.208



53, 102.435, 38.465



88, 95.450, 145.788



50, 5.260, 15.453



40, 81.911, 37.906



10, 32.922, 24.945

Previews

White Background



This preview shows how the CIELCh color 58, 115.711, 326.029 looks on a white background.

Color Contrast Check

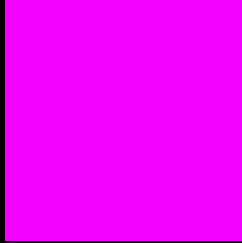
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 115.711, 326.029 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 58, 115.711, 326.029

Background



This preview shows how black text looks on a background with the CIELCh color 58, 115.711, 326.029.



This preview shows how white text looks on a background with the CIELCh color 58, 115.711, 326.029.

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

58, 115.711, 326.029

Protanopia

59, 67.066, 286.461

Deuteranopia

59, 56.754, 279.068



Tritanopia
58, 52.944, 22.354

Trichromacy



Original Color

58, 115.711, 326.029



Protanomaly

51, 95.328, 307.067



Deuteranomaly

50, 88.659, 305.687



Tritanomaly

55, 72.209, 347.615

Monochromacy



Original Color

58, 115.711, 326.029



Achromatopsia

44, 0.006, 296.813



Achromatomaly

43, 59.182, 325.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 115.711, 326.029 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(241, 3, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 3, 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(241, 3, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 3, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 115.711, 326.029 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(241, 3, 255) }
```

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

```
.border{ border-color:rgb(241, 3, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 3, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 3, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 3, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 3,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 115.711, 326.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 3, 255) }
```

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

```
.background{ background-color: rgb(241, 3,  
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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