

Converting Colors

CIELCh(26, 115.202, 306.294)

Have a look what the booklet for
CIELCh(26, 115.202, 306.294)
contains.

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Color

CIELCh(26, 115.018, 306.274)

Conversions

Conversions Part 1

Format	Color
Hex	0702D2
RGB	7, 2, 210
RGB Percent	3%, 1%, 82%
CMY	0.9714, 0.9920, 0.1763
CMYK	0.97, 0.99, 0.00, 0.18
HSL	242°, 98%, 42%
HSV	242°, 99%, 82%
XYZ	11.7508, 4.7465, 61.2963
YIQ	27.2070, -63.7880, 65.7480

Conversions

Conversions Part 2

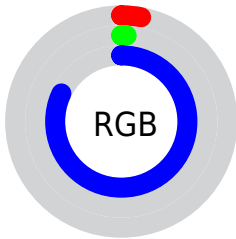
Format	Color
R_YB	7, 2, 210
Decimal	459474
CIE Lab	26.00, 68.05, -92.73
CIE LCh	26, 115.018, 306.274
Yxy	4.7465, 0.1511, 0.0610
Android (android.graphics.Color)	4278649554 (0xFF0702D2)
YUV	27.2070, 90.1169, -17.7215
Hunter-Lab	21.7865, 58.1502, -151.5621

Details

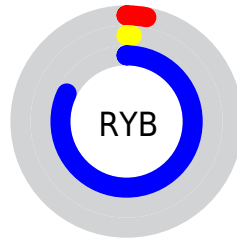
The CIELCh color **26, 115.018, 306.274** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **81, 83.583, 104.430**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 108.494, 306.429**, and **17, 91.827, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 115.484, 306.351**, and if you desaturate by 10%, it is **28, 109.378, 305.431**.

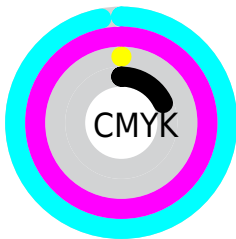
Distribution



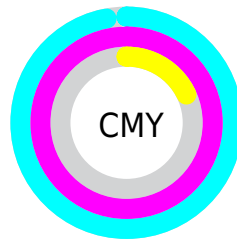
- Red (3%)
- Green (1%)
- Blue (82%)



- Red (3%)
- Yellow (1%)
- Blue (82%)



- Cyan (97%)
- Magenta (99%)
- Yellow (0%)
- Black (18%)





- Cyan (97%)
- Magenta (99%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 115.018, 306.274 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 26, 115.018, 306.274 by changing the saturation by 10% instead.


 26, 115.018,
306.274


 26, 115.018,
306.274


 100, 115.018,
306.274


 16, 115.018,
306.274


 46, 115.018,
306.274


 6, 115.018,
306.274


 56, 115.018,
306.274

 0, 115.018,
306.274

 66, 115.018,
306.274

 76, 115.018,
306.274

 86, 115.018,
306.274

 96, 115.018,

306.274

■ 26, 115.018,
306.274

■ 26, 115.018,
306.274

■ 26, 115.484,
306.351

■ 28, 109.378,
305.431

■ 32, 99.631,
303.938

■ 37, 87.149,
301.990

■ 43, 73.620,
299.909

■ 50, 60.028,
297.915

■ 57, 46.800,
296.116

■ 64, 34.075,
294.548

■ 71, 21.875,
293.203

■ 78, 10.174,
292.061

Harmonies

Complementary

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



26, 115.018, 306.274



81, 83.583, 104.430

Rectangle

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



26, 115.018, 306.274



26, 115.018, 356.274



26, 115.018, 126.274



26, 115.018, 176.274

Sweetspot

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



26, 115.020, 306.275



75, 41.332, 294.740



76, 42.233, 199.016



37, 28.456, 295.393



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



26, 115.020, 306.275



32, 133.706, 306.337



34, 107.100, 312.241



40, 6.375, 292.101



19, 97.894, 306.370



1, 25.573, 293.856

Inverse Universe

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



50, 97.710, 329.254



60, 113.264, 329.280



75, 94.552, 128.625



41, 7.563, 325.617



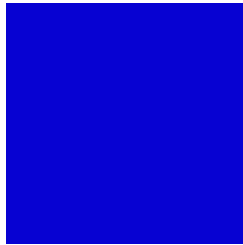
40, 83.016, 329.252



6, 30.525, 328.645

Previews

White Background



This preview shows how the CIELCh color 26, 115.018, 306.274 looks on a white background.

Color Contrast Check

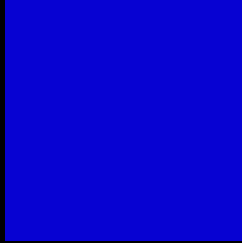
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 26, 115.018, 306.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 115.018, 306.274

Background



This preview shows how black text looks on a background with the CIELCh color 26, 115.018, 306.274.



This preview shows how white text looks on a background with the CIELCh color 26, 115.018,

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


26, 115.018, 306.274

Protanopia

27, 44.581, 285.183

Deuteranopia

27, 30.039, 268.904



Tritanopia
27, 19.501, 202.348

Trichromacy



Original Color
26, 115.018, 306.274

Protanomaly
24, 75.885, 300.212

Deuteranomaly
23, 67.144, 298.118

Tritanomaly
22, 51.324, 292.984

Monochromacy



Original Color
26, 115.018, 306.274

Achromatopsia
10, 0.003, 296.813

Achromatomaly
12, 52.928, 303.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 115.018, 306.274 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(7, 2, 210)` looks like.

```
.text, #text, p{  
    color:rgb(7, 2, 210)  
}
```

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(7, 2, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 2, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 115.018, 306.274 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(7, 2, 210) }
```

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

```
.border{ border-color:rgb(7, 2, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 2, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 2, 210); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 2, 210); box-shadow:4px  
4px 4px 4px rgb(7, 2, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 115.018, 306.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 2, 210) }
```

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

```
.background{ background-color: rgb(7, 2,  
210) }
```

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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