

Converting Colors

CIELCh(26, 110.736, 305.705)

Have a look what the booklet for
CIELCh(26, 110.736, 305.705)
contains.

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Color

CIELCh(26, 110.599, 305.700)

Conversions

Conversions Part 1

Format	Color
Hex	070DCD
RGB	7, 13, 205
RGB Percent	3%, 5%, 80%
CMY	0.9714, 0.9488, 0.1959
CMYK	0.96, 0.94, 0.00, 0.20
HSL	238°, 93%, 42%
HSV	238°, 96%, 80%
XYZ	11.2609, 4.7465, 58.1111
YIQ	33.0940, -65.2080, 58.4400

Conversions

Conversions Part 2

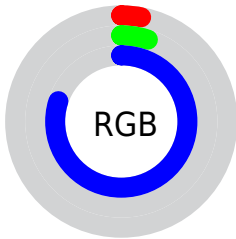
Format	Color
R_{YB}	7, 13, 205
Decimal	462285
CIE _{Lab}	26.00, 64.54, -89.82
CIE _{LCh}	26, 110.599, 305.700
Yxy	4.7465, 0.1519, 0.0640
Android (android.graphics.Color)	4278652365 (0xFF070DCD)
YUV	33.0940, 84.7497, -22.8844
Hunter-Lab	21.7865, 54.1360, -142.8937

Details

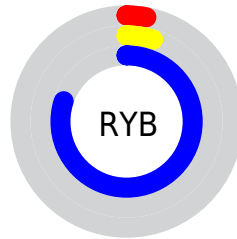
The CIELCh color **26, 110.599, 305.700** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **78, 79.813, 101.092**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 106.536, 305.859**, and **16, 89.635, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **25, 112.273, 305.980**, and if you desaturate by 10%, it is **29, 103.226, 304.354**.

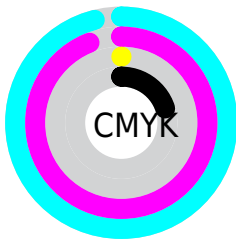
Distribution



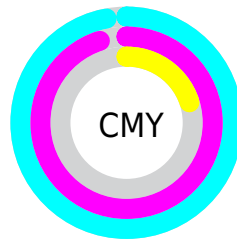
- Red (3%)
- Green (5%)
- Blue (80%)



- Red (3%)
- Yellow (5%)
- Blue (80%)



- Cyan (96%)
- Magenta (94%)
- Yellow (0%)
- Black (20%)





- Cyan (97%)
- Magenta (95%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 110.599, 305.700 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, 110.599, 305.700 by changing the saturation by 10% instead.


 26, 110.599,
305.700


 26, 110.599,
305.700


 100, 110.599,
305.700


 16, 110.599,
305.700


 46, 110.599,
305.700


 6, 110.599,
305.700


 56, 110.599,
305.700

 0, 110.599,
305.700

 66, 110.599,
305.700

 76, 110.599,
305.700

 86, 110.599,
305.700

 96, 110.599,

305.700

■ 26, 110.599,
305.700

■ 26, 110.599,
305.700

■ 25, 112.273,
305.980

■ 29, 103.226,
304.354

■ 33, 92.331,
302.372

■ 39, 79.690,
300.090

■ 45, 66.601,
297.803

■ 51, 53.714,
295.687

■ 58, 41.270,
293.817

■ 65, 29.327,
292.203

■ 71, 17.871,
290.828

■ 78, 6.870, 289.666

Harmonies

Complementary

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



26, 110.599, 305.700



78, 79.813, 101.092

Rectangle

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



26, 110.599, 305.700



26, 110.599, 355.700



26, 110.599, 125.700



26, 110.599, 175.700

Sweetspot

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



26, 110.601, 305.701



77, 38.625, 292.650



75, 43.417, 191.530



37, 26.744, 293.347



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, 110.601, 305.701



33, 132.679, 306.053



32, 105.132, 311.268



39, 6.058, 289.988



19, 95.531, 305.888



1, 23.052, 291.743

Inverse Universe

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



43, 85.672, 38.117



53, 103.446, 39.206



74, 90.495, 126.631



40, 4.369, 17.569



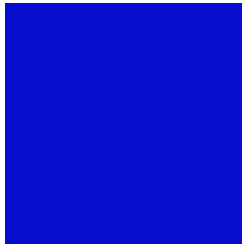
34, 74.365, 38.638



4, 17.922, 17.970

Previews

White Background



This preview shows how the CIE LCh color 26, 110.599, 305.700 looks on a white background.

Color Contrast Check

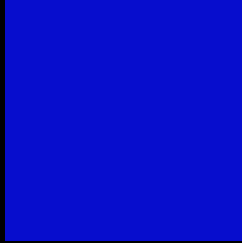
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.599, 305.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

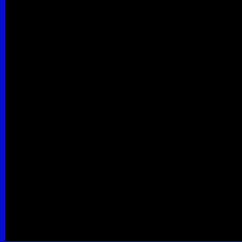
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 110.599, 305.700

Background



This preview shows how black text looks on a background with the CIELCh color 26, 110.599, 305.700.



This preview shows how white text looks on a background with the CIELCh color 26, 110.599, 305.700.

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, 110.599, 305.700

Protanopia

26, 43.384, 284.415

Deuteranopia

26, 29.492, 268.502



Tritanopia
26, 19.313, 202.421

Trichromacy



Original Color
26, 110.599, 305.700

Protanomaly
24, 71.621, 298.794

Deuteranomaly
24, 63.344, 296.643

Tritanomaly
22, 47.953, 290.762

Monochromacy



Original Color
26, 110.599, 305.700

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 48.591, 300.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 110.599, 305.700 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, 13, 205)` looks like.

```
.text, #text, p{  
    color:rgb(7, 13, 205)  
}
```

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, 13, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 13, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 110.599, 305.700 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, 13, 205) }
```

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

```
.border{ border-color:rgb(7, 13, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 13, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 13, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 13, 205);  
box-shadow:4px 4px 4px 4px rgb(7, 13, 205)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 110.599, 305.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 13, 205) }
```

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

```
.background{ background-color: rgb(7, 13,  
205) }
```

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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