

Converting Colors

CIELCh(26, 111.812, 305.715)

Have a look what the booklet for
CIELCh(26, 111.812, 305.715)
contains.

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Color

CIELCh(26, 112.043, 305.745)

Conversions

Conversions Part 1

Format	Color
Hex	010BCF
RGB	1, 11, 207
RGB Percent	0%, 4%, 81%
CMY	0.9967, 0.9571, 0.1884
CMYK	1.00, 0.95, 0.00, 0.19
HSL	237°, 99%, 41%
HSV	237°, 100%, 81%
XYZ	11.3871, 4.7465, 59.3244
YIQ	30.3540, -68.8760, 58.8360

Conversions

Conversions Part 2

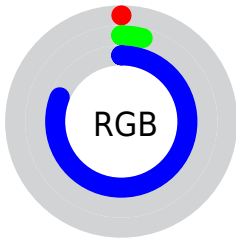
Format	Color
R _Y B	1, 11, 207
Decimal	68559
CIE Lab	26.00, 65.45, -90.94
CIE LCh	26, 112.043, 305.745
Yxy	4.7465, 0.1509, 0.0629
Android (android.graphics.Color)	4278258639 (0xFF010BCF)
YUV	30.3540, 87.0865, -25.7435
Hunter-Lab	21.7865, 55.1701, -146.1955

Details

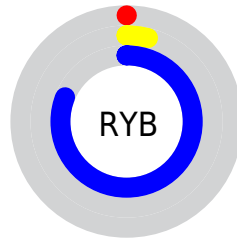
The CIELCh color **26, 112.043, 305.745** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **78, 79.798, 99.651**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 106.582, 305.758**, and **17, 90.513, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 112.231, 305.777**, and if you desaturate by 10%, it is **28, 105.328, 304.477**.

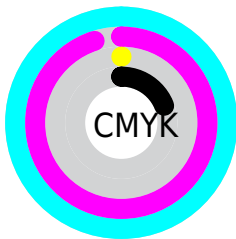
Distribution



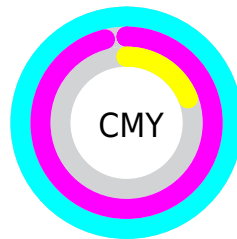
- Red (0%)
- Green (4%)
- Blue (81%)



- Red (0%)
- Yellow (4%)
- Blue (81%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (19%)





- Cyan (100%)
- Magenta (96%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 112.043, 305.745 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, 112.043, 305.745 by changing the saturation by 10% instead.


 26, 112.043,
305.745


 26, 112.043,
305.745


 100, 112.043,
305.745


 16, 112.043,
305.745


 46, 112.043,
305.745


 6, 112.043,
305.745


 56, 112.043,
305.745

 0, 112.043,
305.745

 66, 112.043,
305.745

 76, 112.043,
305.745

 86, 112.043,
305.745

 96, 112.043,

305.745

■ 26, 112.043,
305.745

■ 26, 112.043,
305.745

■ 26, 112.231,
305.777

■ 28, 105.328,
304.477

■ 32, 94.973,
302.507

■ 38, 82.638,
300.182

■ 44, 69.700,
297.808

■ 50, 56.887,
295.585

■ 57, 44.485,
293.605

■ 63, 32.571,
291.889

■ 70, 21.138,
290.423

■ 77, 10.155,
289.180

Harmonies

Complementary

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



26, 112.043, 305.745



78, 79.798, 99.651

Rectangle

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



26, 112.043, 305.745



26, 112.043, 355.745



26, 112.043, 125.745



26, 112.043, 175.745

Sweetspot

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



26, 112.045, 305.746



76, 39.177, 292.012



75, 44.625, 188.979



37, 26.963, 292.721



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, 112.045, 305.746



33, 131.890, 305.889



32, 107.668, 310.754



40, 6.055, 289.160



20, 95.717, 305.630



2, 24.681, 292.070

Inverse Universe

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



43, 87.141, 38.217



53, 102.707, 38.668



75, 91.665, 126.376



41, 4.463, 15.966



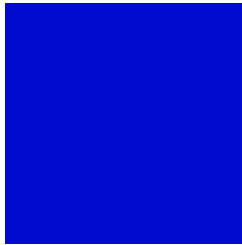
35, 74.443, 37.846



4, 20.022, 17.184

Previews

White Background



This preview shows how the CIELCh color 26, 112.043, 305.745 looks on a white background.

Color Contrast Check

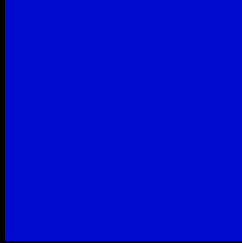
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.043, 305.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

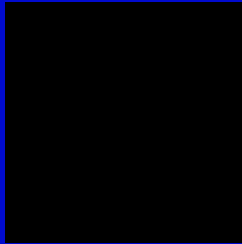
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 112.043, 305.745

Background



This preview shows how black text looks on a background with the CIELCh color 26, 112.043, 305.745.



This preview shows how white text looks on a background with the CIELCh color 26, 112.043, 305.745.

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, 112.043, 305.745

Protanopia

26, 43.983, 284.804

Deuteranopia

26, 30.025, 269.362



Tritanopia
26, 19.313, 202.421

Trichromacy



Original Color
26, 112.043, 305.745

Protanomaly
24, 73.442, 299.176

Deuteranomaly
23, 64.655, 297.007

Tritanomaly
22, 48.605, 290.769

Monochromacy



Original Color
26, 112.043, 305.745

Achromatopsia
11, 0.003, 296.813

Achromatomaly
13, 49.623, 301.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 112.043, 305.745 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(1, 11, 207)` looks like.

```
.text, #text, p{  
    color:rgb(1, 11, 207)  
}
```

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(1, 11, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 11, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 112.043, 305.745 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(1, 11, 207) }
```

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

```
.border{ border-color:rgb(1, 11, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 11, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 11, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 11, 207);  
box-shadow:4px 4px 4px 4px rgb(1, 11, 207)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 112.043, 305.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 11, 207) }
```

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

```
.background{ background-color: rgb(1, 11,  
207) }
```

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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