

Converting Colors

CIELCh(26, 110.407, 305.622)

Have a look what the booklet for
CIELCh(26, 110.407, 305.622)
contains.

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Color

CIELCh(26, 110.397, 305.612)

Conversions

Conversions Part 1

Format	Color
Hex	050ECD
RGB	5, 14, 205
RGB Percent	2%, 5%, 80%
CMY	0.9816, 0.9455, 0.1963
CMYK	0.98, 0.93, 0.00, 0.20
HSL	237°, 96%, 41%
HSV	237°, 98%, 80%
XYZ	11.2258, 4.7465, 58.0410
YIQ	33.0830, -66.6750, 57.4930

Conversions

Conversions Part 2

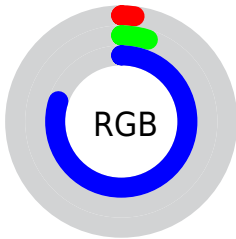
Format	Color
RYB	5, 14, 205
Decimal	331469
CIELab	26.00, 64.28, -89.75
CIELCh	26, 110.397, 305.612
Yxy	4.7465, 0.1517, 0.0641
Android (android.graphics.Color)	4278521549 (0xFF050ECD)
YUV	33.0830, 84.7551, -24.6288
Hunter-Lab	21.7865, 53.8482, -142.7031

Details

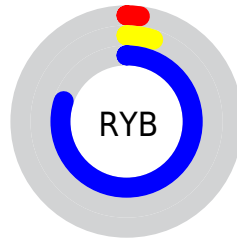
The CIELCh color **26, 110.397, 305.612** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **77, 79.043, 99.936**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 106.067, 305.634**, and **16, 89.635, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 111.506, 305.802**, and if you desaturate by 10%, it is **29, 103.035, 304.206**.

Distribution



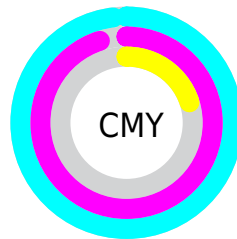
- Red (2%)
- Green (5%)
- Blue (80%)



- Red (2%)
- Yellow (5%)
- Blue (80%)



- Cyan (98%)
- Magenta (93%)
- Yellow (0%)
- Black (20%)





- Cyan (98%)
- Magenta (95%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 110.397, 305.612 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, 110.397, 305.612 by changing the saturation by 10% instead.


 26, 110.397,
305.612


 26, 110.397,
305.612


 100, 110.397,
305.612


 16, 110.397,
305.612


 46, 110.397,
305.612


 6, 110.397,
305.612


 56, 110.397,
305.612

 0, 110.397,
305.612

 66, 110.397,
305.612

 76, 110.397,
305.612

 86, 110.397,
305.612

 96, 110.397,

305.612

■ 26, 110.397,
305.612

■ 26, 110.397,
305.612

■ 26, 111.506,
305.802

■ 29, 103.035,
304.206

■ 33, 92.280,
302.163

■ 38, 79.831,
299.822

■ 44, 66.946,
297.475

■ 51, 54.258,
295.301

■ 57, 42.003,
293.376

■ 64, 30.236,
291.714

■ 71, 18.943,
290.296

■ 77, 8.092, 289.095

Harmonies

Complementary

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



26, 110.397, 305.612



77, 79.043, 99.936

Rectangle

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



26, 110.397, 305.612



26, 110.397, 355.612



26, 110.397, 125.612



26, 110.397, 175.612

Sweetspot

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



26, 110.399, 305.613



77, 37.917, 291.973



75, 44.145, 189.108



38, 26.249, 292.677



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, 110.399, 305.613



33, 132.017, 305.916



32, 106.005, 310.848



39, 5.952, 289.283



20, 94.740, 305.658



2, 22.774, 291.323

Inverse Universe

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



43, 85.621, 37.828



53, 102.824, 38.754



74, 90.374, 126.163



40, 4.372, 16.204



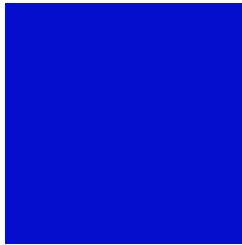
34, 73.691, 37.934



4, 17.934, 17.139

Previews

White Background



This preview shows how the CIELCh color 26, 110.397, 305.612 looks on a white background.

Color Contrast Check

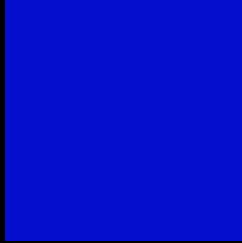
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.397, 305.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

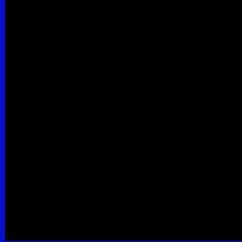
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 110.397, 305.612

Background



This preview shows how black text looks on a background with the CIELCh color 26, 110.397, 305.612.



This preview shows how white text looks on a background with the CIELCh color 26, 110.397, 305.612.

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, 110.397, 305.612

Protanopia

26, 43.384, 284.415

Deuteranopia

26, 30.025, 269.362



Tritanopia
26, 19.313, 202.421

Trichromacy



Original Color
26, 110.397, 305.612

Protanomaly
24, 71.633, 298.754

Deuteranomaly
24, 63.356, 296.591

Tritanomaly
23, 47.257, 290.054

Monochromacy



Original Color
26, 110.397, 305.612

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 48.623, 300.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 110.397, 305.612 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(5, 14, 205)` looks like.

```
.text, #text, p{  
    color:rgb(5, 14, 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(5, 14, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 14, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 110.397, 305.612 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(5, 14, 205) }
```

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

```
.border{ border-color:rgb(5, 14, 205) }
```

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

Here you see how a box with a 4 pixel rgb(5, 14, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 14, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 14, 205);  
box-shadow:4px 4px 4px 4px rgb(5, 14, 205)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 110.397, 305.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 14, 205) }
```

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

```
.background{ background-color: rgb(5, 14,  
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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