

Converting Colors

CIELCh(26, 116.261, 306.286)

Have a look what the booklet for
CIELCh(26, 116.261, 306.286)
contains.

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Color

CIELCh(26, 116.390, 306.299)

Conversions

Conversions Part 1

Format	Color
Hex	0000D4
RGB	0, 0, 212
RGB Percent	0%, 0%, 83%
CMY	0.9984, 1.0000, 0.1691
CMYK	1.00, 1.00, 0.00, 0.17
HSL	240°, 100%, 42%
HSV	240°, 100%, 83%
XYZ	11.8719, 4.7465, 62.5023
YIQ	24.1680, -68.0520, 65.9320

Conversions

Conversions Part 2

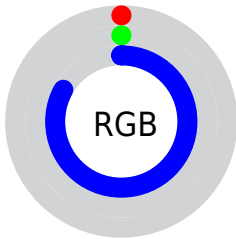
Format	Color
RYB	0, 0, 212
Decimal	212
CIELab	26.00, 68.90, -93.80
CIELCh	26, 116.390, 306.299
Yxy	4.7465, 0.1500, 0.0600
Android (android.graphics.Color)	4278190292 (0xFF0000D4)
YUV	24.1680, 92.6012, -21.1953
Hunter-Lab	21.7865, 59.1423, -154.8442

Details

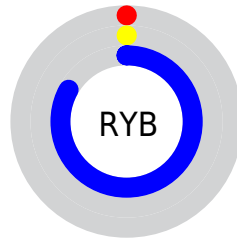
The CIELCh color **26, 116.390, 306.299** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **82, 84.274, 102.971**, and the grayscale version is **8, 0.002, 296.812**.

A 20% lighter version of the original color is **45, 108.494, 306.429**, and **17, 92.264, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 116.356, 306.292**, and if you desaturate by 10%, it is **28, 111.017, 305.436**.

Distribution



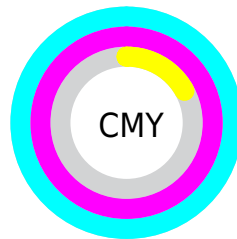
- Red (0%)
- Green (0%)
- Blue (83%)



- Red (0%)
- Yellow (0%)
- Blue (83%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)





- Cyan (100%)
- Magenta (100%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 116.390, 306.299 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, 116.390, 306.299 by changing the saturation by 10% instead.


 26, 116.390,
306.299


 26, 116.390,
306.299


 100, 116.390,
306.299


 16, 116.390,
306.299


 46, 116.390,
306.299


 6, 116.390,
306.299


 56, 116.390,
306.299

 0, 116.390,
306.299

 66, 116.390,
306.299

 76, 116.390,
306.299

 86, 116.390,
306.299

 96, 116.390,

306.299

■ 26, 116.390,
306.299

■ 26, 116.390,
306.299

■ 26, 116.356,
306.292

■ 28, 111.017,
305.436

■ 32, 101.600,
303.903

■ 37, 89.174,
301.862

■ 43, 75.542,
299.654

■ 50, 61.794,
297.527

■ 57, 48.406,
295.606

■ 64, 35.532,
293.933

■ 71, 23.194,
292.502

■ 78, 11.365,
291.289

Harmonies

Complementary

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



26, 116.390, 306.299



82, 84.274, 102.971

Rectangle

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



26, 116.390, 306.299



26, 116.390, 356.299



26, 116.390, 126.299



26, 116.390, 176.299

Sweetspot

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



26, 116.356, 306.292



75, 41.323, 293.982



77, 43.580, 196.386



37, 28.451, 294.668



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, 116.356, 306.292



32, 133.808, 306.291



34, 108.618, 311.794



41, 6.500, 291.225



20, 99.113, 306.293



2, 27.578, 294.090

Inverse Universe

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



50, 100.346, 328.308



60, 115.393, 328.309



76, 95.003, 128.194



42, 7.837, 324.987



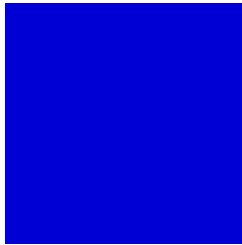
41, 85.480, 328.307



6, 32.906, 328.103

Previews

White Background



This preview shows how the CIE LCh color 26, 116.390, 306.299 looks on a white background.

Color Contrast Check

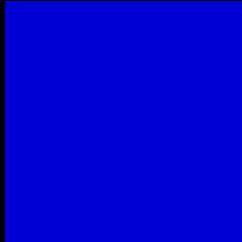
Large Text (above 18pt) WCAG AA ✓ Pass

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, 116.390, 306.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

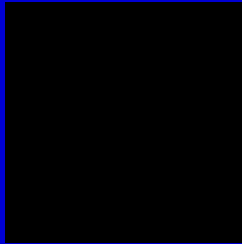
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 116.390, 306.299

Background



This preview shows how black text looks on a background with the CIELCh color 26, 116.390, 306.299.



This preview shows how white text looks on a background with the CIELCh color 26, 116.390,

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, 116.412, 306.287

Protanopia

27, 44.515, 284.845

Deuteranopia

27, 30.573, 269.740



Tritanopia
27, 19.501, 202.348

Trichromacy



Original Color
26, 116.412, 306.287

Protanomaly
24, 77.653, 300.528

Deuteranomaly
23, 68.432, 298.431

Tritanomaly
21, 52.689, 293.497

Monochromacy



Original Color
26, 116.412, 306.287

Achromatopsia
8, 0.002, 296.813

Achromatomaly
11, 53.848, 303.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 116.390, 306.299 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(0, 0, 212)` looks like.

```
.text, #text, p{  
  color:rgb(0, 0, 212)  
}
```

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(0, 0, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 116.390, 306.299 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(0, 0, 212) }
```

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

```
.border{ border-color:rgb(0, 0, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 212); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 212); box-shadow:4px  
4px 4px 4px rgb(0, 0, 212) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 116.390, 306.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 212) }
```

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

```
.background{ background-color: rgb(0, 0,  
212) }
```

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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