

Converting Colors

CIELCh(26, 108.658, 305.175)

Have a look what the booklet for
CIELCh(26, 108.658, 305.175)
contains.

CIELCh(26, 108.523, 305.244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(26, 108.523, 305.244)

Conversions

Conversions Part 1

Format	Color
Hex	0012CB
RGB	0, 18, 203
RGB Percent	0%, 7%, 80%
CMY	0.9994, 0.9294, 0.2039
CMYK	1.00, 0.91, 0.00, 0.20
HSL	235°, 100%, 40%
HSV	235°, 100%, 80%
XYZ	10.9995, 4.7465, 56.8473
YIQ	33.7080, -70.1130, 53.7190

Conversions

Conversions Part 2

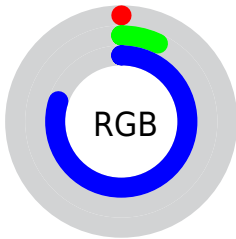
Format	Color
RYB	0, 17, 203
Decimal	4811
CIELab	26.00, 62.62, -88.63
CIElCh	26, 108.523, 305.244
Yxy	4.7465, 0.1515, 0.0654
Android (android.graphics.Color)	4278194891 (0xFF0012CB)
YUV	33.7080, 83.4610, -29.5619
Hunter-Lab	21.7865, 51.9946, -139.4544

Details

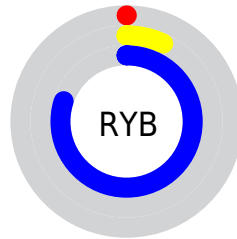
The CIELCh color **26, 108.523, 305.244** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **74, 76.623, 96.850**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 105.108, 305.177**, and **16, 88.754, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 108.571, 305.254**, and if you desaturate by 10%, it is **29, 100.816, 303.617**.

Distribution



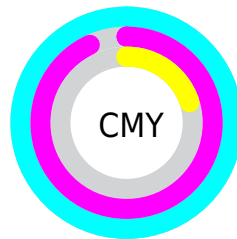
- Red (0%)
- Green (7%)
- Blue (80%)



- Red (0%)
- Yellow (7%)
- Blue (80%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (20%)





- Cyan (100%)
- Magenta (93%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 108.523, 305.244 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, 108.523, 305.244 by changing the saturation by 10% instead.


 26, 108.523,
305.244


 26, 108.523,
305.244


 100, 108.523,
305.244


 16, 108.523,
305.244


 46, 108.523,
305.244


 6, 108.523,
305.244

 56, 108.523,
305.244

 0, 108.523,
305.244

 66, 108.523,
305.244

 76, 108.523,
305.244

 86, 108.523,
305.244

 96, 108.523,

305.244

■ 26, 108.523,
305.244

■ 26, 108.523,
305.244

■ 26, 108.571,
305.254

■ 29, 100.816,
303.617

■ 33, 90.238,
301.371

■ 38, 78.264,
298.863

■ 44, 65.977,
296.372

■ 50, 53.910,
294.069

■ 56, 42.256,
292.030

■ 63, 31.055,
290.266

■ 69, 20.289,
288.758

■ 75, 9.926, 287.477

Harmonies

Complementary

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



26, 108.523, 305.244



74, 76.623, 96.850

Rectangle

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



26, 108.523, 305.244



26, 108.523, 355.244



26, 108.523, 125.244



26, 108.523, 175.244

Sweetspot

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



26, 108.525, 305.245



77, 37.497, 290.344



74, 46.384, 182.199



38, 25.797, 291.070



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, 108.525, 305.245



34, 129.750, 305.435



30, 107.371, 309.801



40, 5.691, 287.416



20, 92.668, 305.038



2, 22.088, 290.229

Inverse Universe

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



42, 84.339, 36.685



53, 100.860, 37.249



74, 88.943, 124.442



40, 4.391, 12.818



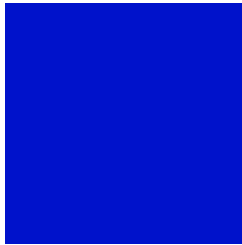
34, 72.032, 36.081



4, 17.980, 15.075

Previews

White Background



This preview shows how the CIE LCh color 26, 108.523, 305.244 looks on a white background.

Color Contrast Check

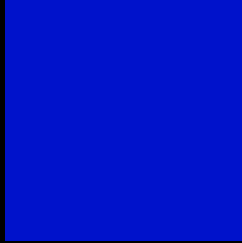
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.523, 305.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

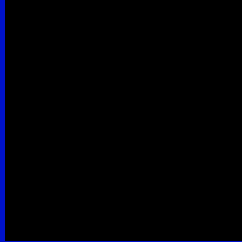
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 108.523, 305.244

Background



This preview shows how black text looks on a background with the CIELCh color 26, 108.523, 305.244.



This preview shows how white text looks on a background with the CIELCh color 26, 108.523, 305.244.

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, 108.523, 305.244

Protanopia

26, 43.384, 284.415

Deuteranopia

26, 30.025, 269.362



Tritanopia
26, 19.313, 202.421

Trichromacy



Original Color
26, 108.523, 305.244

Protanomaly
24, 70.995, 298.363

Deuteranomaly
24, 61.991, 295.698

Tritanomaly
23, 45.962, 288.918

Monochromacy



Original Color
26, 108.523, 305.244

Achromatopsia
13, 0.003, 296.813

Achromatomaly
15, 46.595, 299.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 108.523, 305.244 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, 18, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 203)  
}
```

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, 18, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 108.523, 305.244 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, 18, 203) }
```

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

```
.border{ border-color:rgb(0, 18, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 18, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 18, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 18, 203)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 108.523, 305.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 18, 203) }
```

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

```
.background{ background-color: rgb(0, 18,  
203) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor