

Converting Colors

CIELCh(26, 112.272, 306.746)

Have a look what the booklet for
CIELCh(26, 112.272, 306.746)
contains.

CIELCh(26, 112.128, 306.730)	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, 112.128, 306.730)

Conversions

Conversions Part 1

Format	Color
Hex	1E02CD
RGB	30, 2, 205
RGB Percent	12%, 1%, 80%
CMY	0.8807, 0.9913, 0.1954
CMYK	0.85, 0.99, 0.00, 0.20
HSL	248°, 98%, 41%
HSV	248°, 99%, 80%
XYZ	11.6109, 4.7465, 58.1657
YIQ	33.5140, -48.4750, 69.0690

Conversions

Conversions Part 2

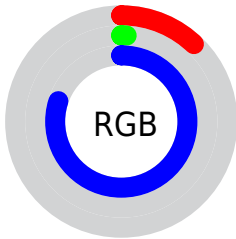
Format	Color
R_{YB}	30, 2, 205
Decimal	1966797
CIE _{Lab}	26.00, 67.06, -89.87
CIE _{LCh}	26, 112.128, 306.730
Yxy	4.7465, 0.1558, 0.0637
Android (android.graphics.Color)	4280156877 (0xFF1E02CD)
YUV	33.5140, 84.5426, -3.0818
Hunter-Lab	21.7865, 57.0038, -143.0423

Details

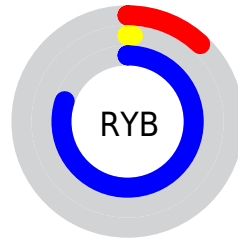
The CIELCh color **26, 112.128, 306.730** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **78, 83.134, 111.262**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 107.757, 306.825**, and **16, 89.635, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 112.685, 306.784**, and if you desaturate by 10%, it is **29, 106.243, 306.271**.

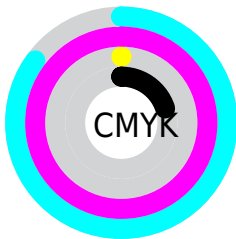
Distribution



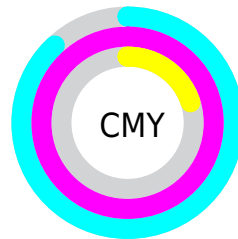
- Red (12%)
- Green (1%)
- Blue (80%)



- Red (12%)
- Yellow (1%)
- Blue (80%)



- Cyan (85%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)





- Cyan (88%)
- Magenta (99%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 112.128, 306.730 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, 112.128, 306.730 by changing the saturation by 10% instead.


 26, 112.128,
306.730


 26, 112.128,
306.730


 100, 112.128,
306.730


 16, 112.128,
306.730


 46, 112.128,
306.730


 6, 112.128,
306.730


 56, 112.128,
306.730

 0, 112.128,
306.730

 66, 112.128,
306.730

 76, 112.128,
306.730

 86, 112.128,
306.730

 96, 112.128,

306.730

■ 26, 112.128,
306.730

■ 26, 112.128,
306.730

■ 26, 112.685,
306.784

■ 29, 106.243,
306.271

■ 33, 96.747,
305.275

■ 38, 84.813,
303.898

■ 44, 71.854,
302.383

■ 50, 58.731,
300.898

■ 57, 45.859,
299.531

■ 63, 33.407,
298.315

■ 70, 21.422,
297.253

■ 77, 9.904, 296.338

Harmonies

Complementary

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



26, 112.128, 306.730



78, 83.134, 111.262

Rectangle

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



26, 112.128, 306.730



26, 112.128, 356.730



26, 112.128, 126.730



26, 112.128, 176.730

Sweetspot

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



26, 112.130, 306.731



76, 41.471, 298.483



67, 37.115, 221.029



37, 28.535, 298.993



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, 112.130, 306.731



33, 132.878, 306.724



36, 102.641, 315.340



39, 6.278, 296.378



20, 96.044, 306.862



2, 23.644, 296.029

Inverse Universe

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



47, 87.814, 334.643



58, 103.437, 334.813



73, 96.090, 131.792



40, 6.850, 329.015



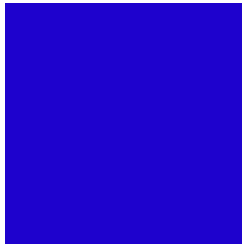
38, 75.149, 334.605



5, 25.936, 332.607

Previews

White Background



This preview shows how the CIE LCh color 26, 112.128, 306.730 looks on a white background.

Color Contrast Check

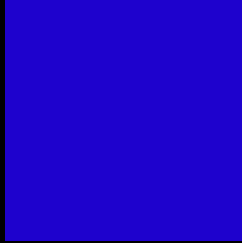
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.128, 306.730 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, 112.128, 306.730

Background



This preview shows how black text looks on a background with the CIELCh color 26, 112.128, 306.730.



This preview shows how white text looks on a background with the CIELCh color 26, 112.128, 306.730.

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, 112.128, 306.730

Protanopia

26, 43.983, 284.804

Deuteranopia

26, 30.563, 270.193



Tritanopia
26, 19.209, 204.486

Trichromacy



Original Color
26, 112.128, 306.730

Protanomaly
24, 74.665, 300.339

Deuteranomaly
23, 66.562, 298.604

Tritanomaly
21, 51.331, 293.951

Monochromacy



Original Color
26, 112.128, 306.730

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 50.945, 304.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 112.128, 306.730 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(30, 2, 205)` looks like.

```
.text, #text, p{  
    color:rgb(30, 2, 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(30, 2, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 2, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 112.128, 306.730 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(30, 2, 205) }
```

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

```
.border{ border-color:rgb(30, 2, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 2, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 2, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 2, 205);  
box-shadow:4px 4px 4px 4px rgb(30, 2, 205)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 112.128, 306.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 2, 205) }
```

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

```
.background{ background-color: rgb(30, 2,  
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](#).

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