

Converting Colors

CIELCh(26, 112.590, 307.077)

Have a look what the booklet for
CIELCh(26, 112.590, 307.077)
contains.

CIELCh(26, 112.206, 307.022)	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, 112.206, 307.022)

Conversions

Conversions Part 1

Format	Color
Hex	2300CD
RGB	35, 0, 205
RGB Percent	14%, 0%, 80%
CMY	0.8614, 1.0000, 0.1973
CMYK	0.83, 1.00, 0.00, 0.20
HSL	250°, 100%, 40%
HSV	250°, 100%, 80%
XYZ	11.6818, 4.7465, 57.8644
YIQ	33.8350, -44.9450, 71.1750

Conversions

Conversions Part 2

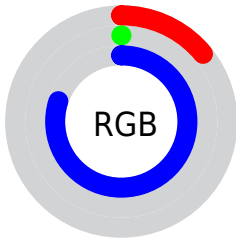
Format	Color
RYB	35, 0, 205
Decimal	2293965
CIELab	26.00, 67.56, -89.59
CIELCh	26, 112.206, 307.022
Yxy	4.7465, 0.1572, 0.0639
Android (android.graphics.Color)	4280484045 (0xFF2300CD)
YUV	33.8350, 84.3843, 1.0217
Hunter-Lab	21.7865, 57.5849, -142.2224

Details

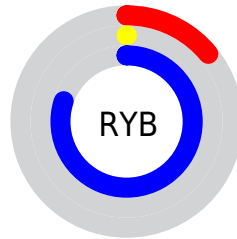
The CIELCh color **26, 112.206, 307.022** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **77, 83.779, 113.250**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 108.145, 307.143**, and **16, 89.635, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 112.116, 307.002**, and if you desaturate by 10%, it is **29, 106.462, 306.680**.

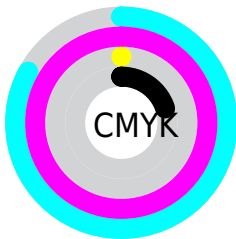
Distribution



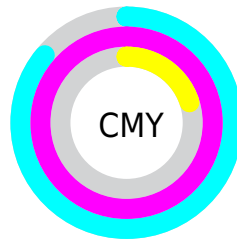
- Red (14%)
- Green (0%)
- Blue (80%)



- Red (14%)
- Yellow (0%)
- Blue (80%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)





- Cyan (86%)
- Magenta (100%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 112.206, 307.022 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, 112.206, 307.022 by changing the saturation by 10% instead.


 26, 112.206,
307.022


 26, 112.206,
307.022


 100, 112.206,
307.022

 16, 112.206,
307.022


 46, 112.206,
307.022


 6, 112.206,
307.022


 56, 112.206,
307.022

 0, 112.206,
307.022

 66, 112.206,
307.022

 76, 112.206,
307.022

 86, 112.206,
307.022

 96, 112.206,

307.022

■ 26, 112.206,
307.022

■ 26, 112.206,
307.022

■ 26, 112.116,
307.002

■ 29, 106.462,
306.680

■ 32, 97.430,
305.885

■ 37, 85.840,
304.691

■ 43, 73.082,
303.332

■ 49, 60.051,
301.973

■ 56, 47.201,
300.703

■ 62, 34.731,
299.562

■ 69, 22.707,
298.559

■ 76, 11.138,
297.688

Harmonies

Complementary

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



26, 112.206, 307.022



77, 83.779, 113.250

Rectangle

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



26, 112.206, 307.022



26, 112.206, 357.022



26, 112.206, 127.022



26, 112.206, 177.022

Sweetspot

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



26, 112.116, 307.002



76, 41.542, 299.604



64, 36.899, 228.530



37, 28.577, 300.076



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, 112.116, 307.002



33, 132.457, 306.928



37, 102.162, 316.263



39, 6.294, 297.639



20, 95.708, 307.092



2, 23.684, 296.891

Inverse Universe

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



47, 85.521, 336.605



58, 100.755, 336.734



73, 97.117, 132.596



40, 6.689, 330.132



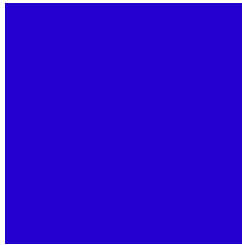
38, 73.248, 336.456



5, 25.222, 334.091

Previews

White Background



This preview shows how the CIE LCh color 26, 112.206, 307.022 looks on a white background.

Color Contrast Check

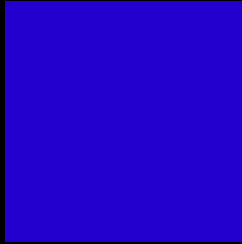
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.206, 307.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

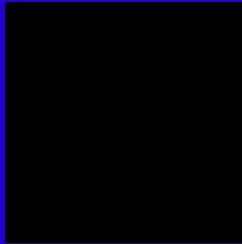
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 112.206, 307.022

Background



This preview shows how black text looks on a background with the CIELCh color 26, 112.206, 307.022.



This preview shows how white text looks on a background with the CIELCh color 26, 112.206, 307.022.

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, 112.265, 306.988

Protanopia

27, 43.918, 284.462

Deuteranopia

27, 30.039, 268.904



Tritanopia
27, 19.501, 202.348

Trichromacy



Original Color
26, 112.265, 306.988

Protanomaly
24, 75.815, 300.759

Deuteranomaly
23, 66.534, 298.710

Tritanomaly
21, 51.305, 294.133

Monochromacy



Original Color
26, 112.265, 306.988

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 50.898, 304.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 112.206, 307.022 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(35, 0, 205)` looks like.

```
.text, #text, p{  
    color:rgb(35, 0, 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(35, 0, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 0, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 112.206, 307.022 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(35, 0, 205) }
```

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

```
.border{ border-color:rgb(35, 0, 205) }
```

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

Here you see how a box with a 4 pixel rgb(35, 0, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 0, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 0, 205);  
box-shadow:4px 4px 4px 4px rgb(35, 0, 205)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 112.206, 307.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 0, 205) }
```

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

```
.background{ background-color: rgb(35, 0,  
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