

Converting Colors

CIELCh(26, 110.271, 307.181)

Have a look what the booklet for
CIELCh(26, 110.271, 307.181)
contains.

CIELCh(26, 110.405, 307.194)	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, 110.405, 307.194)

Conversions

Conversions Part 1

Format	Color
Hex	2901CA
RGB	41, 1, 202
RGB Percent	16%, 0%, 79%
CMY	0.8399, 0.9967, 0.2082
CMYK	0.80, 1.00, 0.00, 0.21
HSL	252°, 99%, 40%
HSV	252°, 100%, 79%
XYZ	11.5666, 4.7465, 56.1270
YIQ	35.8740, -40.6810, 70.9910

Conversions

Conversions Part 2

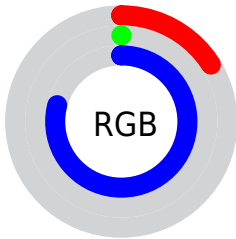
Format	Color
R_{YB}	41, 1, 202
Decimal	2687434
CIE _{Lab}	26.00, 66.74, -87.95
CIE _{LCh}	26, 110.405, 307.194
Yxy	4.7465, 0.1597, 0.0655
Android (android.graphics.Color)	4280877514 (0xFF2901CA)
YUV	35.8740, 81.9001, 4.4955
Hunter-Lab	21.7865, 56.6408, -137.4942

Details

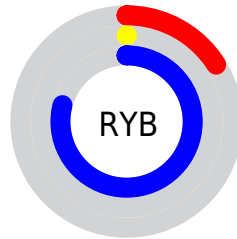
The CIELCh color **26, 110.405, 307.194** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **76, 83.317, 114.680**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 107.561, 307.248**, and **16, 88.313, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 110.628, 307.208**, and if you desaturate by 10%, it is **29, 104.678, 306.952**.

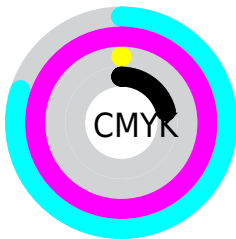
Distribution



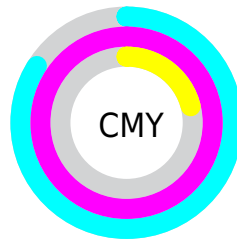
- Red (16%)
- Green (0%)
- Blue (79%)



- Red (16%)
- Yellow (0%)
- Blue (79%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)





- Cyan (84%)
- Magenta (100%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 110.405, 307.194 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, 110.405, 307.194 by changing the saturation by 10% instead.


 26, 110.405,
307.194


 26, 110.405,
307.194


 100, 110.405,
307.194


 16, 110.405,
307.194


 46, 110.405,
307.194


 6, 110.405,
307.194


 56, 110.405,
307.194

 0, 110.405,
307.194

 66, 110.405,
307.194

 76, 110.405,
307.194

 86, 110.405,
307.194

 96, 110.405,

307.194

■ 26, 110.405,
307.194

■ 26, 110.405,
307.194

■ 26, 110.628,
307.208

■ 29, 104.678,
306.952

■ 32, 95.670,
306.240

■ 37, 84.239,
305.151

■ 43, 71.689,
303.901

■ 49, 58.862,
302.643

■ 56, 46.197,
301.462

■ 62, 33.888,
300.395

■ 69, 22.007,
299.453

■ 75, 10.566,
298.631

Harmonies

Complementary

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



26, 110.405, 307.194



76, 83.317, 114.680

Rectangle

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



26, 110.405, 307.194



26, 110.405, 357.194



26, 110.405, 127.194



26, 110.405, 177.194

Sweetspot

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



26, 110.407, 307.195



76, 41.608, 300.479



63, 36.598, 232.020



37, 28.616, 300.924



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, 110.407, 307.195



34, 132.073, 307.120



37, 100.649, 316.809



39, 6.308, 298.618



20, 95.408, 307.303



2, 23.719, 297.561

Inverse Universe

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



46, 82.967, 338.115



58, 98.756, 338.328



72, 96.355, 132.889



40, 6.566, 331.041



37, 71.829, 337.990



5, 24.681, 335.324

Previews

White Background



This preview shows how the CIE LCh color 26, 110.405, 307.194 looks on a white background.

Color Contrast Check

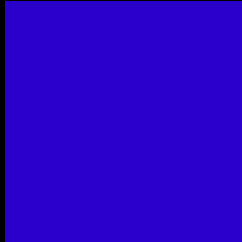
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.405, 307.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

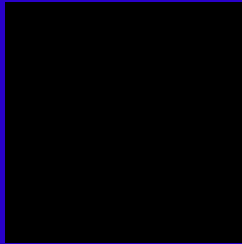
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 110.405, 307.194

Background



This preview shows how black text looks on a background with the CIELCh color 26, 110.405, 307.194.



This preview shows how white text looks on a background with the CIELCh color 26, 110.405, 307.194.

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, 110.405, 307.194

Protanopia

27, 44.581, 285.183

Deuteranopia

27, 30.039, 268.904



Tritanopia
27, 19.501, 202.348

Trichromacy



Original Color
26, 110.405, 307.194

Protanomaly
24, 75.228, 300.774

Deuteranomaly
23, 65.924, 298.719

Tritanomaly
21, 50.662, 294.130

Monochromacy



Original Color
26, 110.405, 307.194

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 50.070, 305.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 110.405, 307.194 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(41, 1, 202)` looks like.

```
.text, #text, p{  
    color:rgb(41, 1, 202)  
}
```

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(41, 1, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 1, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 110.405, 307.194 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(41, 1, 202) }
```

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

```
.border{ border-color:rgb(41, 1, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 1, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 1, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 1, 202);  
box-shadow:4px 4px 4px 4px rgb(41, 1, 202)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 110.405, 307.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 1, 202) }
```

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

```
.background{ background-color: rgb(41, 1,  
202) }
```

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