

Converting Colors

CIELCh(26, 115.032, 306.227)

Have a look what the booklet for
CIELCh(26, 115.032, 306.227)
contains.

CIELCh(26, 115.062, 306.250)	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, 115.062, 306.250)

Conversions

Conversions Part 1

Format	Color
Hex	0602D2
RGB	6, 2, 210
RGB Percent	2%, 1%, 82%
CMY	0.9768, 0.9914, 0.1759
CMYK	0.97, 0.99, 0.00, 0.18
HSL	241°, 98%, 42%
HSV	241°, 99%, 82%
XYZ	11.7490, 4.7465, 61.3676
YIQ	26.9080, -64.3840, 65.5360

Conversions

Conversions Part 2

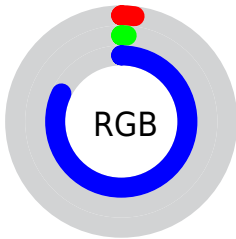
Format	Color
RYB	6, 2, 210
Decimal	393938
CIELab	26.00, 68.04, -92.79
CIElCh	26, 115.062, 306.250
Yxy	4.7465, 0.1509, 0.0610
Android (android.graphics.Color)	4278584018 (0xFF0602D2)
YUV	26.9080, 90.2644, -18.3363
Hunter-Lab	21.7865, 58.1353, -151.7560

Details

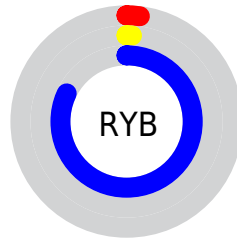
The CIELCh color **26, 115.062, 306.250** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **81, 83.580, 103.979**, and the grayscale version is **9, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 108.494, 306.429**, and **17, 91.827, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 115.564, 306.332**, and if you desaturate by 10%, it is **28, 109.417, 305.384**.

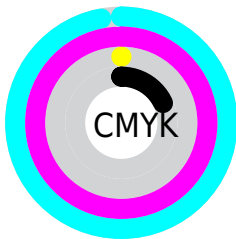
Distribution



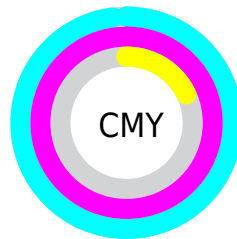
- Red (2%)
- Green (1%)
- Blue (82%)



- Red (2%)
- Yellow (1%)
- Blue (82%)



- Cyan (97%)
- Magenta (99%)
- Yellow (0%)
- Black (18%)





- Cyan (98%)
- Magenta (99%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 115.062, 306.250 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, 115.062, 306.250 by changing the saturation by 10% instead.


 26, 115.062,
306.250


 26, 115.062,
306.250


 100, 115.062,
306.250


 16, 115.062,
306.250


 46, 115.062,
306.250


 6, 115.062,
306.250


 56, 115.062,
306.250

 0, 115.062,
306.250

 66, 115.062,
306.250

 76, 115.062,
306.250

 86, 115.062,
306.250

 96, 115.062,

306.250

■ 26, 115.062,
306.250

■ 26, 115.062,
306.250

■ 26, 115.564,
306.332

■ 28, 109.417,
305.384

■ 32, 99.638,
303.853

■ 37, 87.122,
301.864

■ 43, 73.567,
299.744

■ 50, 59.959,
297.715

■ 57, 46.723,
295.888

■ 64, 33.995,
294.297

■ 71, 21.793,
292.934

■ 78, 10.093,
291.778

Harmonies

Complementary

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



26, 115.062, 306.250



81, 83.580, 103.979

Rectangle

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



26, 115.062, 306.250



26, 115.062, 356.250



26, 115.062, 126.250



26, 115.062, 176.250

Sweetspot

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



26, 115.064, 306.251



75, 41.328, 294.502



76, 42.246, 199.015



37, 28.454, 295.165



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, 115.064, 306.251



32, 133.738, 306.322



34, 107.111, 312.245



40, 6.374, 291.826



19, 97.933, 306.346



1, 25.567, 293.671

Inverse Universe

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



50, 98.298, 328.949



60, 113.927, 328.971



75, 94.565, 128.618



41, 7.600, 325.417



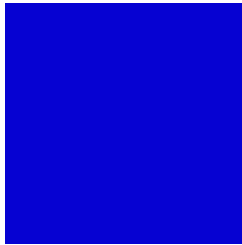
40, 83.490, 328.951



6, 30.695, 328.403

Previews

White Background



This preview shows how the CIE LCh color 26, 115.062, 306.250 looks on a white background.

Color Contrast Check

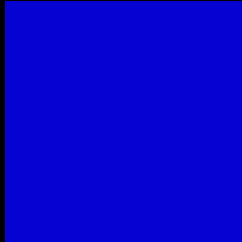
Large Text (above 18pt) WCAG AA ✓ Pass

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, 115.062, 306.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

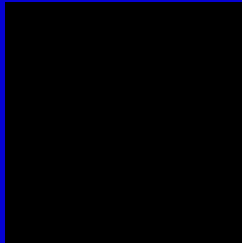
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 115.062, 306.250

Background



This preview shows how black text looks on a background with the CIELCh color 26, 115.062, 306.250.



This preview shows how white text looks on a background with the CIELCh color 26, 115.062,

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, 115.040, 306.262

Protanopia

27, 44.581, 285.183

Deuteranopia

27, 30.039, 268.904



Tritanopia
27, 19.501, 202.348

Trichromacy



Original Color
26, 115.040, 306.262

Protanomaly
24, 76.450, 300.259

Deuteranomaly
23, 67.157, 298.072

Tritanomaly
22, 51.949, 293.133

Monochromacy



Original Color
26, 115.040, 306.262

Achromatopsia
10, 0.003, 296.813

Achromatomaly
12, 52.973, 303.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 115.062, 306.250 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(6, 2, 210)` looks like.

```
.text, #text, p{  
    color:rgb(6, 2, 210)  
}
```

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(6, 2, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 2, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 115.062, 306.250 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(6, 2, 210) }
```

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

```
.border{ border-color:rgb(6, 2, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 2, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 2, 210); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 2, 210); box-shadow:4px  
4px 4px 4px rgb(6, 2, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 115.062, 306.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 2, 210) }
```

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

```
.background{ background-color: rgb(6, 2,  
210) }
```

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