

Converting Colors

CIELCh(26, 111.996, 306.355)

Have a look what the booklet for
CIELCh(26, 111.996, 306.355)
contains.

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Color

CIELCh(26, 112.051, 306.345)

Conversions

Conversions Part 1

Format	Color
Hex	1606CE
RGB	22, 6, 206
RGB Percent	9%, 2%, 81%
CMY	0.9120, 0.9776, 0.1929
CMYK	0.89, 0.97, 0.00, 0.19
HSL	245°, 95%, 41%
HSV	245°, 97%, 81%
XYZ	11.5198, 4.7465, 58.5823
YIQ	33.5840, -54.6640, 65.5920

Conversions

Conversions Part 2

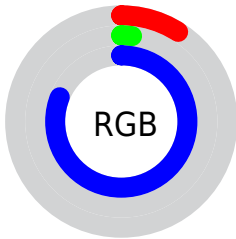
Format	Color
RYB	22, 6, 206
Decimal	1443534
CIELab	26.00, 66.41, -90.25
CIELCh	26, 112.051, 306.345
Yxy	4.7465, 0.1539, 0.0634
Android (android.graphics.Color)	4279633614 (0xFF1606CE)
YUV	33.5840, 85.0011, -10.1592
Hunter-Lab	21.7865, 56.2569, -144.1761

Details

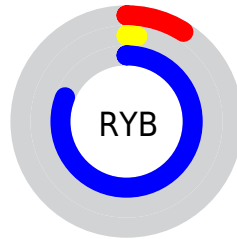
The CIELCh color **26, 112.051, 306.345** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **79, 82.323, 107.948**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 107.407, 306.401**, and **17, 90.074, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **25, 113.421, 306.522**, and if you desaturate by 10%, it is **29, 105.707, 305.622**.

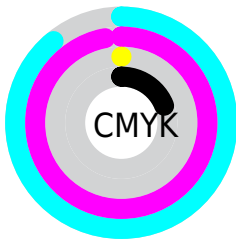
Distribution



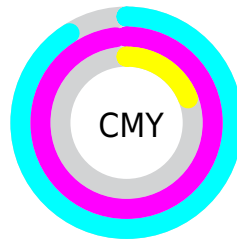
- Red (9%)
- Green (2%)
- Blue (81%)



- Red (9%)
- Yellow (2%)
- Blue (81%)



- Cyan (89%)
- Magenta (97%)
- Yellow (0%)
- Black (19%)





- Cyan (91%)
- Magenta (98%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 112.051, 306.345 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, 112.051, 306.345 by changing the saturation by 10% instead.


 26, 112.051,
306.345


 26, 112.051,
306.345


 100, 112.051,
306.345


 16, 112.051,
306.345


 46, 112.051,
306.345


 6, 112.051,
306.345


 56, 112.051,
306.345

 0, 112.051,
306.345

 66, 112.051,
306.345

 76, 112.051,
306.345

 86, 112.051,
306.345

 96, 112.051,

306.345

■ 26, 112.051,
306.345

■ 26, 112.051,
306.345

■ 25, 113.421,
306.522

■ 29, 105.707,
305.622

■ 33, 95.531,
304.291

■ 38, 83.115,
302.603

■ 44, 69.889,
300.825

■ 51, 56.656,
299.127

■ 57, 43.772,
297.593

■ 64, 31.360,
296.248

■ 71, 19.441,
295.088

■ 78, 8.000, 294.096

Harmonies

Complementary

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



26, 112.051, 306.345



79, 82.323, 107.948

Rectangle

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



26, 112.051, 306.345



26, 112.051, 356.345



26, 112.051, 126.345



26, 112.051, 176.345

Sweetspot

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



26, 112.053, 306.346



77, 39.920, 296.519



70, 38.412, 210.635



37, 27.638, 297.094



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, 112.053, 306.346



33, 133.391, 306.482



35, 103.300, 314.051



39, 6.258, 294.297



19, 96.474, 306.577



1, 23.589, 294.605

Inverse Universe

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



48, 91.686, 331.784



59, 108.092, 331.945



74, 94.397, 130.389



40, 7.119, 327.291



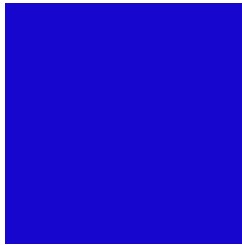
38, 78.439, 331.834



5, 27.147, 330.386

Previews

White Background



This preview shows how the CIE LCh color 26, 112.051, 306.345 looks on a white background.

Color Contrast Check

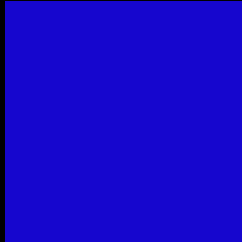
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.051, 306.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

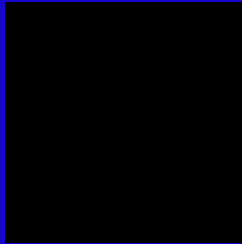
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 112.051, 306.345

Background



This preview shows how black text looks on a background with the CIELCh color 26, 112.051, 306.345.



This preview shows how white text looks on a background with the CIELCh color 26, 112.051, 306.345.

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, 112.089, 306.322

Protanopia

26, 43.983, 284.804

Deuteranopia

26, 30.025, 269.362



Tritanopia
26, 19.313, 202.421

Trichromacy



Original Color
26, 112.089, 306.322

Protanomaly
24, 74.070, 299.954

Deuteranomaly
23, 65.924, 298.118

Tritanomaly
22, 49.319, 292.380

Monochromacy



Original Color
26, 112.089, 306.322

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 49.754, 303.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 112.051, 306.345 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(22, 6, 206)` looks like.

```
.text, #text, p{  
    color:rgb(22, 6, 206)  
}
```

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(22, 6, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 6, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 112.051, 306.345 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(22, 6, 206) }
```

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

```
.border{ border-color:rgb(22, 6, 206) }
```

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

Here you see how a box with a 4 pixel rgb(22, 6, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 6, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 6, 206);  
box-shadow:4px 4px 4px 4px rgb(22, 6, 206)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 112.051, 306.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 6, 206) }
```

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

```
.background{ background-color: rgb(22, 6,  
206) }
```

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](#).

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