

Converting Colors

CIELCh(26, 107.831, 305.225)

Have a look what the booklet for
CIELCh(26, 107.831, 305.225)
contains.

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Color

CIELCh(26, 107.711, 305.196)

Conversions

Conversions Part 1

Format	Color
Hex	0313CA
RGB	3, 19, 202
RGB Percent	1%, 7%, 79%
CMY	0.9885, 0.9256, 0.2079
CMYK	0.99, 0.91, 0.00, 0.21
HSL	235°, 97%, 40%
HSV	235°, 99%, 79%
XYZ	10.9263, 4.7465, 56.2026
YIQ	35.0780, -68.2790, 53.5210

Conversions

Conversions Part 2

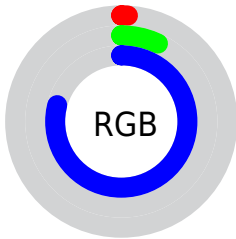
Format	Color
R _Y B	3, 18, 202
Decimal	201674
CIE Lab	26.00, 62.08, -88.02
CIE LCh	26, 107.711, 305.196
Yxy	4.7465, 0.1520, 0.0660
Android (android.graphics.Color)	4278391754 (0xFF0313CA)
YUV	35.0780, 82.2925, -28.1324
Hunter-Lab	21.7865, 51.3942, -137.6999

Details

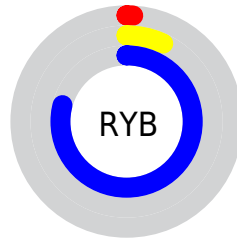
The CIELCh color **26, 107.711, 305.196** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **75, 76.470, 97.485**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 105.066, 305.278**, and **16, 88.313, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 108.570, 305.362**, and if you desaturate by 10%, it is **29, 99.750, 303.524**.

Distribution



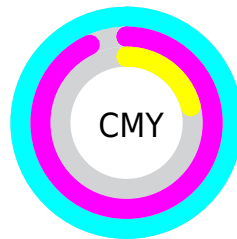
- Red (1%)
- Green (7%)
- Blue (79%)



- Red (1%)
- Yellow (7%)
- Blue (79%)



- Cyan (99%)
- Magenta (91%)
- Yellow (0%)
- Black (21%)





- Cyan (99%)
- Magenta (93%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 107.711, 305.196 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, 107.711, 305.196 by changing the saturation by 10% instead.


 26, 107.711,
305.196


 26, 107.711,
305.196


 100, 107.711,
305.196


 16, 107.711,
305.196


 46, 107.711,
305.196


 6, 107.711,
305.196


 56, 107.711,
305.196

 0, 107.711,
305.196

 66, 107.711,
305.196

 76, 107.711,
305.196

 86, 107.711,
305.196

 96, 107.711,

305.196

■ 26, 107.711,
305.196

■ 26, 107.711,
305.196

■ 26, 108.570,
305.362

■ 29, 99.750,
303.524

■ 33, 88.983,
301.272

■ 38, 76.917,
298.786

■ 44, 64.596,
296.335

■ 50, 52.522,
294.081

■ 57, 40.872,
292.090

■ 63, 29.678,
290.372

■ 69, 18.920,
288.905

■ 76, 8.568, 287.660

Harmonies

Complementary

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



26, 107.711, 305.196



75, 76.470, 97.485

Rectangle

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



26, 107.711, 305.196



26, 107.711, 355.196



26, 107.711, 125.196



26, 107.711, 175.196

Sweetspot

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



26, 107.713, 305.197



77, 37.813, 290.672



73, 45.221, 184.519



38, 26.016, 291.394



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, 107.713, 305.197



33, 130.223, 305.536



30, 105.937, 310.158



40, 5.736, 287.757



20, 93.075, 305.162



2, 22.208, 290.426

Inverse Universe

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



42, 83.575, 36.570



53, 101.250, 37.558



74, 88.663, 124.963



40, 4.387, 13.413



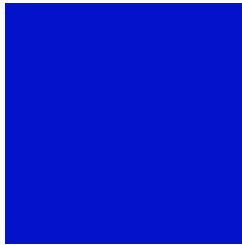
34, 72.340, 36.439



4, 17.970, 15.439

Previews

White Background



This preview shows how the CIELCh color 26, 107.711, 305.196 looks on a white background.

Color Contrast Check

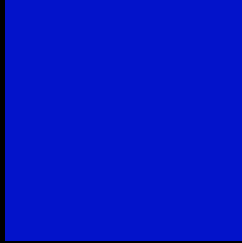
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107.711, 305.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

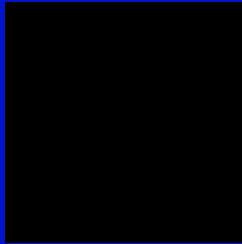
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 107.711, 305.196

Background



This preview shows how black text looks on a background with the CIELCh color 26, 107.711, 305.196.



This preview shows how white text looks on a background with the CIELCh color 26, 107.711, 305.196.

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, 107.711, 305.196

Protanopia

26, 44.049, 285.148

Deuteranopia

26, 29.492, 268.502



Tritanopia
26, 19.313, 202.421

Trichromacy



Original Color
26, 107.711, 305.196

Protanomaly
24, 70.414, 298.293

Deuteranomaly
24, 61.389, 295.591

Tritanomaly
23, 45.949, 289.015

Monochromacy



Original Color
26, 107.711, 305.196

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 46.474, 299.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 107.711, 305.196 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(3, 19, 202)` looks like.

```
.text, #text, p{  
    color:rgb(3, 19, 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(3, 19, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 19, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 107.711, 305.196 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(3, 19, 202) }
```

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

```
.border{ border-color:rgb(3, 19, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 19, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 19, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 19, 202);  
box-shadow:4px 4px 4px 4px rgb(3, 19, 202)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 107.711, 305.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 19, 202) }
```

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

```
.background{ background-color: rgb(3, 19,  
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](#).

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