

Converting Colors

CIELCh(26, 108.026, 305.616)

Have a look what the booklet for
CIELCh(26, 108.026, 305.616)
contains.

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Color

CIELCh(26, 108.277, 305.646)

Conversions

Conversions Part 1

Format	Color
Hex	1110CA
RGB	17, 16, 202
RGB Percent	7%, 6%, 79%
CMY	0.9341, 0.9376, 0.2081
CMYK	0.92, 0.92, 0.00, 0.21
HSL	240°, 85%, 43%
HSV	240°, 92%, 79%
XYZ	11.0643, 4.7465, 56.1707
YIQ	37.5030, -59.1100, 58.0580

Conversions

Conversions Part 2

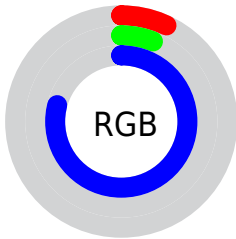
Format	Color
R_{YB}	17, 16, 202
Decimal	1118410
CIE _{Lab}	26.00, 63.10, -87.99
CIE _{LCh}	26, 108.277, 305.646
Yxy	4.7465, 0.1537, 0.0659
Android (android.graphics.Color)	4279308490 (0xFF1110CA)
YUV	37.5030, 81.0970, -17.9811
Hunter-Lab	21.7865, 52.5248, -137.6131

Details

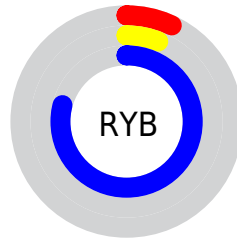
The CIELCh color **26, 108.277, 305.646** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **79, 79.682, 103.268**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 105.461, 305.713**, and **16, 88.313, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **25, 112.224, 306.300**, and if you desaturate by 10%, it is **29, 99.966, 304.262**.

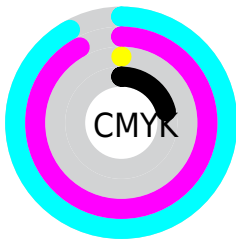
Distribution



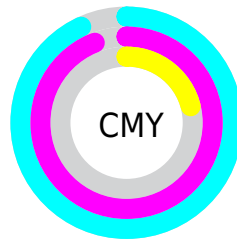
- Red (7%)
- Green (6%)
- Blue (79%)



- Red (7%)
- Yellow (6%)
- Blue (79%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (21%)





- Cyan (93%)
- Magenta (94%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 108.277, 305.646 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, 108.277, 305.646 by changing the saturation by 10% instead.


 26, 108.277,
305.646


 26, 108.277,
305.646


 100, 108.277,
305.646


 16, 108.277,
305.646


 46, 108.277,
305.646


 6, 108.277,
305.646

 56, 108.277,
305.646

 0, 108.277,
305.646

 66, 108.277,
305.646

 76, 108.277,
305.646

 86, 108.277,
305.646

 96, 108.277,

305.646

■ 26, 108.277,
305.646

■ 26, 108.277,
305.646

■ 25, 112.224,
306.300

■ 29, 99.966,
304.262

■ 34, 88.417,
302.310

■ 40, 75.433,
300.133

■ 46, 62.188,
297.998

■ 53, 49.229,
296.051

■ 59, 36.746,
294.343

■ 66, 24.777,
292.877

■ 73, 13.303,
291.631

■ 80, 2.290, 290.596

Harmonies

Complementary

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



26, 108.277, 305.646



79, 79.682, 103.268

Rectangle

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



26, 108.277, 305.646



26, 108.277, 355.646



26, 108.277, 125.646



26, 108.277, 175.646

Sweetspot

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



26, 108.279, 305.647



77, 38.402, 293.768



74, 41.557, 196.419



38, 26.760, 294.444



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, 108.279, 305.647



32, 133.795, 306.297



34, 101.286, 312.274



39, 6.244, 291.328



19, 96.904, 306.303



1, 23.536, 292.569

Inverse Universe

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



48, 95.046, 328.356



60, 115.129, 328.426



73, 88.878, 127.309



40, 7.514, 325.061



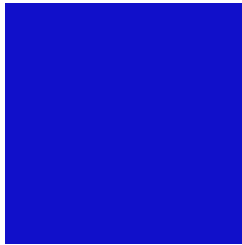
39, 83.402, 328.421



5, 28.932, 327.648

Previews

White Background



This preview shows how the CIE LCh color 26, 108.277, 305.646 looks on a white background.

Color Contrast Check

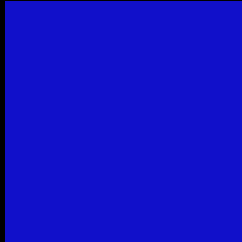
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.277, 305.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

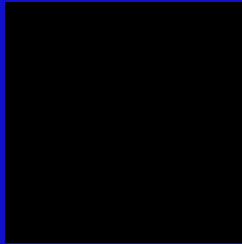
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 108.277, 305.646

Background



This preview shows how black text looks on a background with the CIELCh color 26, 108.277, 305.646.



This preview shows how white text looks on a background with the CIELCh color 26, 108.277, 305.646.

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, 108.277, 305.646

Protanopia

26, 43.449, 284.763

Deuteranopia

26, 30.014, 269.823



Tritanopia
26, 19.022, 204.586

Trichromacy



Original Color
26, 108.277, 305.646

Protanomaly
24, 71.017, 298.811

Deuteranomaly
24, 62.029, 296.266

Tritanomaly
23, 46.592, 290.136

Monochromacy



Original Color
26, 108.277, 305.646

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 46.898, 301.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 108.277, 305.646 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(17, 16, 202)` looks like.

```
.text, #text, p{  
    color:rgb(17, 16, 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(17, 16, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 16, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 108.277, 305.646 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(17, 16, 202) }
```

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

```
.border{ border-color:rgb(17, 16, 202) }
```

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

Here you see how a box with a 4 pixel rgb(17, 16, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 16, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 16, 202);  
box-shadow:4px 4px 4px 4px rgb(17, 16,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 108.277, 305.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 16, 202) }
```

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

```
.background{ background-color: rgb(17, 16,  
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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