

Converting Colors

CIELCh(26, 111.832, 306.911)

Have a look what the booklet for
CIELCh(26, 111.832, 306.911)
contains.

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Color

CIELCh(26, 111.694, 306.912)

Conversions

Conversions Part 1

Format	Color
Hex	2201CC
RGB	34, 1, 204
RGB Percent	13%, 0%, 80%
CMY	0.8647, 0.9949, 0.1992
CMYK	0.83, 0.99, 0.00, 0.20
HSL	250°, 99%, 40%
HSV	250°, 99%, 80%
XYZ	11.6144, 4.7465, 57.5651
YIQ	34.0090, -45.4950, 70.1290

Conversions

Conversions Part 2

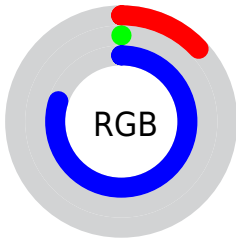
Format	Color
RYB	34, 1, 204
Decimal	2228684
CIELab	26.00, 67.08, -89.31
CIELCh	26, 111.694, 306.912
Yxy	4.7465, 0.1571, 0.0642
Android (android.graphics.Color)	4280418764 (0xFF2201CC)
YUV	34.0090, 83.8056, -0.0079
Hunter-Lab	21.7865, 57.0320, -141.4078

Details

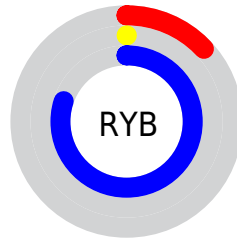
The CIELCh color **26, 111.694, 306.912** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **77, 83.332, 112.699**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 108.195, 307.039**, and **16, 89.195, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 112.024, 306.940**, and if you desaturate by 10%, it is **29, 105.910, 306.548**.

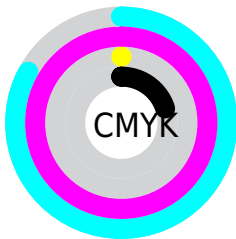
Distribution



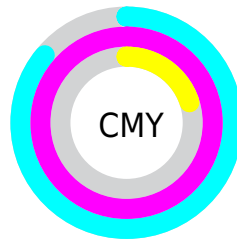
- Red (13%)
- Green (0%)
- Blue (80%)



- Red (13%)
- Yellow (0%)
- Blue (80%)



- Cyan (83%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)





- Cyan (86%)
- Magenta (99%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 111.694, 306.912 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, 111.694, 306.912 by changing the saturation by 10% instead.


 26, 111.694,
306.912


 26, 111.694,
306.912


 100, 111.694,
306.912


 16, 111.694,
306.912


 46, 111.694,
306.912


 6, 111.694,
306.912


 56, 111.694,
306.912

 0, 111.694,
306.912

 66, 111.694,
306.912

 76, 111.694,
306.912

 86, 111.694,
306.912

 96, 111.694,

306.912

■ 26, 111.694,
306.912

■ 26, 111.694,
306.912

■ 26, 112.024,
306.940

■ 29, 105.910,
306.548

■ 32, 96.655,
305.682

■ 38, 84.937,
304.430

■ 43, 72.133,
303.028

■ 50, 59.108,
301.638

■ 56, 46.293,
300.347

■ 63, 33.873,
299.191

■ 69, 21.904,
298.177

■ 76, 10.393,
297.299

Harmonies

Complementary

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



26, 111.694, 306.912



77, 83.332, 112.699

Rectangle

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



26, 111.694, 306.912



26, 111.694, 356.912



26, 111.694, 126.912



26, 111.694, 176.912

Sweetspot

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



26, 111.696, 306.913



76, 41.522, 299.302



65, 36.834, 224.704



37, 28.565, 299.785



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, 111.696, 306.913



33, 132.578, 306.869



37, 102.101, 315.803



39, 6.289, 297.301



20, 95.803, 307.026



2, 23.673, 296.660

Inverse Universe

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



47, 85.910, 336.030



58, 101.462, 336.204



73, 96.324, 132.197



40, 6.732, 329.827



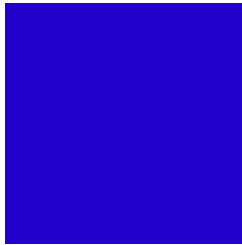
38, 73.750, 335.947



5, 25.412, 333.682

Previews

White Background



This preview shows how the CIE LCh color 26, 111.694, 306.912 looks on a white background.

Color Contrast Check

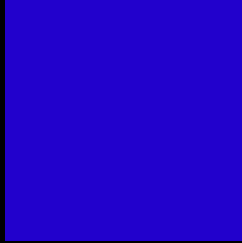
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111.694, 306.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

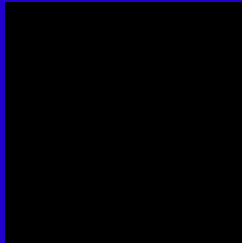
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 111.694, 306.912

Background



This preview shows how black text looks on a background with the CIELCh color 26, 111.694, 306.912.



This preview shows how white text looks on a background with the CIELCh color 26, 111.694, 306.912.

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, 111.694, 306.912

Protanopia

26, 43.983, 284.804

Deuteranopia

26, 30.563, 270.193



Tritanopia
27, 19.501, 202.348

Trichromacy



Original Color
26, 111.694, 306.912

Protanomaly
23, 75.263, 300.685

Deuteranomaly
23, 66.534, 298.710

Tritanomaly
22, 49.974, 293.387

Monochromacy



Original Color
26, 111.694, 306.912

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 50.898, 304.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 111.694, 306.912 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(34, 1, 204)` looks like.

```
.text, #text, p{  
    color:rgb(34, 1, 204)  
}
```

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(34, 1, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 1, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 111.694, 306.912 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(34, 1, 204) }
```

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

```
.border{ border-color:rgb(34, 1, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 1, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 1, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 1, 204);  
box-shadow:4px 4px 4px 4px rgb(34, 1, 204)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 111.694, 306.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 1, 204) }
```

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

```
.background{ background-color: rgb(34, 1,  
204) }
```

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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