

Converting Colors

CIELCh(26, 97.305, 310.055)

Have a look what the booklet for
CIELCh(26, 97.305, 310.055)
contains.

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Color

CIELCh(26, 97.212, 310.087)

Conversions

Conversions Part 1

Format	Color
Hex	4A01B3
RGB	74, 1, 179
RGB Percent	29%, 0%, 70%
CMY	0.7092, 0.9954, 0.2976
CMYK	0.59, 0.99, 0.00, 0.30
HSL	265°, 99%, 35%
HSV	265°, 99%, 70%
XYZ	10.9962, 4.7465, 43.0465
YIQ	43.1190, -13.6300, 70.8340

Conversions

Conversions Part 2

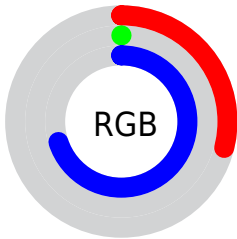
Format	Color
RYB	74, 1, 179
Decimal	4850099
CIELab	26.00, 62.60, -74.37
CIElCh	26, 97.212, 310.087
Yxy	4.7465, 0.1870, 0.0807
Android (android.graphics.Color)	4283040179 (0xFF4A01B3)
YUV	43.1190, 66.9893, 27.0826
Hunter-Lab	21.7865, 51.9673, -101.8967

Details

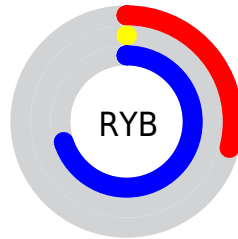
The CIELCh color **26, 97.212, 310.087** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **66, 81.012, 124.655**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 96.939, 310.106**, and **12, 78.913, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **26, 97.535, 310.073**, and if you desaturate by 10%, it is **29, 92.169, 310.398**.

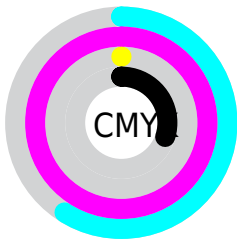
Distribution



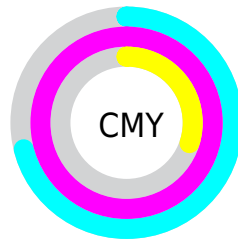
- Red (29%)
- Green (0%)
- Blue (70%)



- Red (29%)
- Yellow (0%)
- Blue (70%)



- Cyan (59%)
- Magenta (99%)
- Yellow (0%)
- Black (30%)





- Cyan (71%)
- Magenta (100%)
- Yellow (30%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 97.212, 310.087 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, 97.212, 310.087 by changing the saturation by 10% instead.

 26, 97.212,
310.087


 26, 97.212,
310.087

 100, 97.212,
310.087


 16, 97.212,
310.087


 46, 97.212,
310.087


 6, 97.212, 310.087

 56, 97.212,
310.087

 0, 97.212, 310.087

 66, 97.212,
310.087

 76, 97.212,
310.087

 86, 97.212,
310.087

 96, 97.212,

310.087

■ 26, 97.212,
310.087

■ 26, 97.212,
310.087

■ 26, 97.535,
310.073

■ 29, 92.169,
310.398

■ 32, 84.763,
310.359

■ 36, 75.322,
309.993

■ 41, 64.698,
309.434

■ 46, 53.541,
308.786

■ 51, 42.268,
308.119

■ 57, 31.116,
307.473

■ 62, 20.211,
306.870

■ 68, 9.613, 306.318

Harmonies

Complementary

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



26, 97.212, 310.087



66, 81.012, 124.655

Rectangle

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



26, 97.212, 310.087



26, 97.212, 0.087



26, 97.212, 130.087



26, 97.212, 180.087

Sweetspot

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



26, 97.213, 310.088



71, 39.328, 307.546



44, 44.865, 271.921



35, 27.201, 307.813



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26, 97.213, 310.088



35, 118.629, 309.893



39, 89.099, 324.377



35, 5.810, 306.317



21, 86.704, 310.207



1, 13.667, 302.428

Inverse Universe

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



39, 66.717, 353.500



51, 80.824, 354.294



64, 91.116, 135.557



35, 5.059, 339.768



33, 59.576, 353.255



2, 11.224, 344.832

Previews

White Background



This preview shows how the CIE LCh color 26, 97.212, 310.087 looks on a white background.

Color Contrast Check

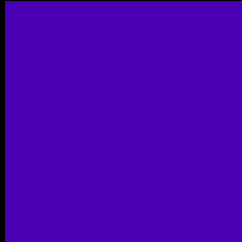
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.212, 310.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

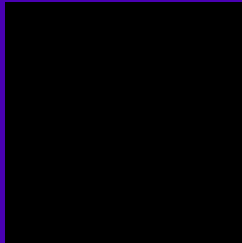
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 97.212, 310.087

Background



This preview shows how black text looks on a background with the CIELCh color 26, 97.212, 310.087.



This preview shows how white text looks on a background with the CIELCh color 26, 97.212, 310.087.

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

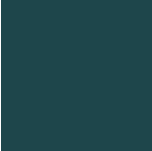
26, 97.212, 310.087

Protanopia

27, 44.515, 284.845

Deuteranopia

27, 31.111, 270.547



Tritanopia
27, 14.339, 210.586

Trichromacy



Original Color
26, 97.212, 310.087

Protanomaly
23, 69.848, 300.698

Deuteranomaly
23, 61.594, 299.017

Tritanomaly
22, 45.097, 299.288

Monochromacy



Original Color
26, 97.212, 310.087

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 43.886, 309.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 97.212, 310.087 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(74, 1, 179)` looks like.

```
.text, #text, p{  
    color:rgb(74, 1, 179)  
}
```

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(74, 1, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 1, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 97.212, 310.087 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(74, 1, 179) }
```

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

```
.border{ border-color:rgb(74, 1, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 1, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 1, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 1, 179);  
box-shadow:4px 4px 4px 4px rgb(74, 1, 179)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 97.212, 310.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 1, 179) }
```

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

```
.background{ background-color: rgb(74, 1,  
179) }
```

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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