

Converting Colors

CIELCh(26, 40.465, 123.124)

Have a look what the booklet for
CIELCh(26, 40.465, 123.124)
contains.

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Color

CIELCh(26, 40.494, 122.969)

Conversions

Conversions Part 1

Format	Color
Hex	294500
RGB	41, 69, 0
RGB Percent	16%, 27%, 0%
CMY	0.8387, 0.7289, 0.9995
CMYK	0.41, 0.00, 1.00, 0.73
HSL	84°, 100%, 14%
HSV	84°, 100%, 27%
XYZ	3.0564, 4.7465, 0.7589
YIQ	52.7620, 5.4610, -27.3950

Conversions

Conversions Part 2

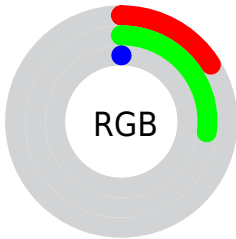
Format	Color
RYB	0, 69, 28
Decimal	2704640
CIELab	26.00, -22.04, 33.97
CIELCh	26, 40.494, 122.969
Yxy	4.7465, 0.3570, 0.5544
Android (android.graphics.Color)	4280894720 (0xFF294500)
YUV	52.7620, -26.0117, -10.3153
Hunter-Lab	21.7865, -13.0850, 13.1853

Details

The CIELCh color **26, 40.494, 122.969** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **6, 48.334, 310.783**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 40.775, 123.053**, and **8, 18.838, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 40.554, 122.971**, and if you desaturate by 10%, it is **26, 37.440, 122.938**.

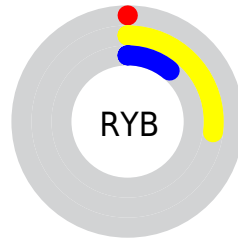
Distribution



Red (16%)

Green (27%)

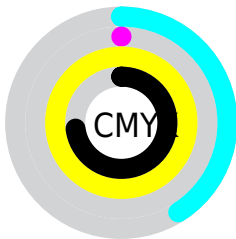
Blue (0%)



Red (0%)

Yellow (27%)

Blue (11%)

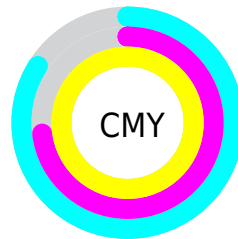


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (84%)


Magenta (73%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 40.494, 122.969 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, 40.494, 122.969 by changing the saturation by 10% instead.

 26, 40.494,
122.969


 26, 40.494,
122.969

 100, 40.494,
122.969


 16, 40.494,
122.969


 46, 40.494,
122.969


 6, 40.494, 122.969

 56, 40.494,
122.969

 0, 40.494, 122.969

 66, 40.494,
122.969

 76, 40.494,
122.969

 86, 40.494,
122.969

 96, 40.494,

122.969

■ 26, 40.494,
122.969

■ 26, 40.494,
122.969

■ 26, 40.554,
122.971

■ 26, 37.440,
122.938

■ 26, 34.397,
122.817

■ 27, 30.872,
122.894

■ 27, 26.928,
123.148

■ 27, 22.698,
123.512

■ 28, 18.282,
123.937

■ 28, 13.751,
124.390

■ 28, 9.156, 124.849

■ 29, 4.532, 125.302

Harmonies

Complementary

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



26, 40.494, 122.969



6, 48.334, 310.783

Rectangle

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



26, 40.494, 122.969



26, 40.494, 172.969



26, 40.494, 302.969



26, 40.494, 352.969

Sweetspot

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



26, 40.494, 122.970



36, 17.104, 124.327



16, 29.910, 52.833



18, 11.761, 124.236



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 40.494, 122.970



34, 48.705, 123.401



25, 45.724, 135.091



14, 2.645, 125.354



38, 52.608, 123.627



82, 97.011, 124.801

Inverse Universe

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



6, 48.334, 310.783



10, 58.666, 310.771



12, 45.372, 324.753



13, 2.682, 306.084



12, 63.361, 310.615



34, 116.740, 309.830

Previews

White Background



This preview shows how the CIELCh color 26, 40.494, 122.969 looks on a white background.

Color Contrast Check

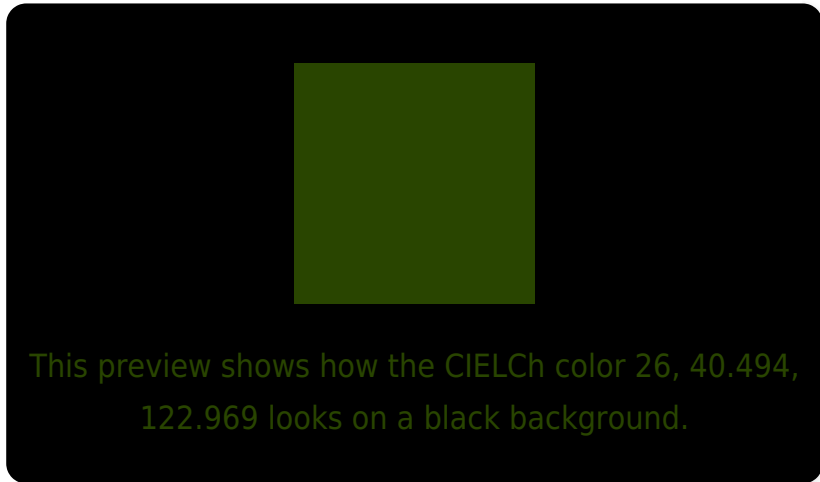
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 40.494, 122.969

Background



This preview shows how black text looks on a background with the CIELCh color 26, 40.494, 122.969.



This preview shows how white text looks on a background with the CIELCh color 26, 40.494, 122.969.

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

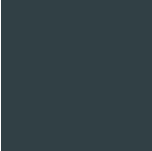
26, 40.494, 122.969

Protanopia

26, 35.113, 95.883

Deuteranopia

26, 29.486, 82.569



Tritanopia
26, 6.865, 227.194

Trichromacy



Original Color
26, 40.494, 122.969

Protanomaly
26, 36.159, 107.203

Deuteranomaly
26, 31.172, 100.702

Tritanomaly
26, 17.058, 140.189

Monochromacy



Original Color
26, 40.494, 122.969

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 17.010, 123.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 40.494, 122.969 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(41, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(41, 69, 0)  
}
```

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(41, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 69, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 40.494, 122.969 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(41, 69, 0) }
```

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

```
.border{ border-color:rgb(41, 69, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 69, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 69, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 69, 0); box-shadow:4px  
4px 4px 4px rgb(41, 69, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 40.494, 122.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 69, 0) }
```

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

```
.background{ background-color: rgb(41, 69,  
0) }
```

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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