

Converting Colors

CIELCh(26, 40.131, 119.113)

Have a look what the booklet for
CIELCh(26, 40.131, 119.113)
contains.

CIELCh(26, 39.140, 119.523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(26, 39.140, 119.523)

Conversions

Conversions Part 1

Format	Color
Hex	2E4400
RGB	46, 68, 0
RGB Percent	18%, 27%, 0%
CMY	0.8188, 0.7325, 0.9991
CMYK	0.32, 0.00, 1.00, 0.73
HSL	79°, 99%, 13%
HSV	79°, 100%, 27%
XYZ	3.2177, 4.7465, 0.7529
YIQ	53.6700, 8.7160, -25.8120

Conversions

Conversions Part 2

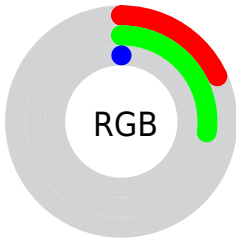
Format	Color
RYB	0, 68, 22
Decimal	3032064
CIELab	26.00, -19.29, 34.06
CIELCh	26, 39.140, 119.523
Yxy	4.7465, 0.3691, 0.5445
Android (android.graphics.Color)	4281222144 (0xFF2E4400)
YUV	53.6700, -26.4593, -6.7266
Hunter-Lab	21.7865, -11.7636, 13.2015

Details

The CIELCh color **26, 39.140, 119.523** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5, 47.801, 308.833**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 38.941, 119.346**, and **7, 17.780, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 39.236, 119.525**, and if you desaturate by 10%, it is **26, 36.214, 119.505**.

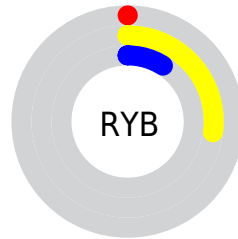
Distribution



Red (18%)

Green (27%)

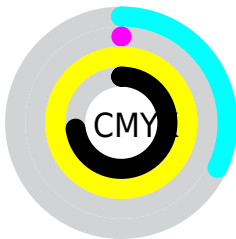
Blue (0%)



Red (0%)

Yellow (27%)

Blue (9%)

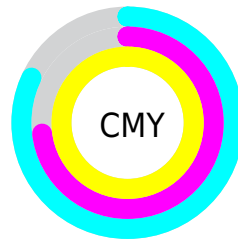


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (82%)


Magenta (73%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 39.140, 119.523 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, 39.140, 119.523 by changing the saturation by 10% instead.

 26, 39.140,
119.523


 26, 39.140,
119.523

 100, 39.140,
119.523


 16, 39.140,
119.523


 46, 39.140,
119.523


 6, 39.140, 119.523

 56, 39.140,
119.523

 0, 39.140, 119.523

 66, 39.140,
119.523

 76, 39.140,
119.523

 86, 39.140,
119.523

 96, 39.140,

119.523

■ 26, 39.140,
119.523

■ 26, 39.140,
119.523

■ 26, 39.236,
119.525

■ 26, 36.214,
119.505

■ 26, 33.292,
119.438

■ 27, 29.896,
119.561

■ 27, 26.087,
119.855

■ 27, 21.994,
120.258

■ 27, 17.715,
120.723

■ 28, 13.319,
121.219

■ 28, 8.854, 121.724

■ 29, 4.356, 122.225

Harmonies

Complementary

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



26, 39.140, 119.523



5, 47.801, 308.833

Rectangle

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



26, 39.140, 119.523



26, 39.140, 169.523



26, 39.140, 299.523



26, 39.140, 349.523

Sweetspot

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



26, 39.140, 119.524



37, 16.823, 121.139



14, 30.376, 45.866



18, 11.566, 121.040



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, 39.140, 119.524



34, 47.532, 119.922



24, 44.591, 134.033



13, 2.445, 122.285



37, 50.379, 120.079



82, 93.602, 121.190

Inverse Universe

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



5, 47.801, 308.833



9, 59.588, 309.371



11, 45.284, 321.996



11, 2.483, 303.101



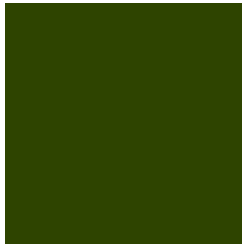
10, 63.177, 309.260



31, 117.591, 308.527

Previews

White Background



This preview shows how the CIELCh color 26, 39.140, 119.523 looks on a white background.

Color Contrast Check

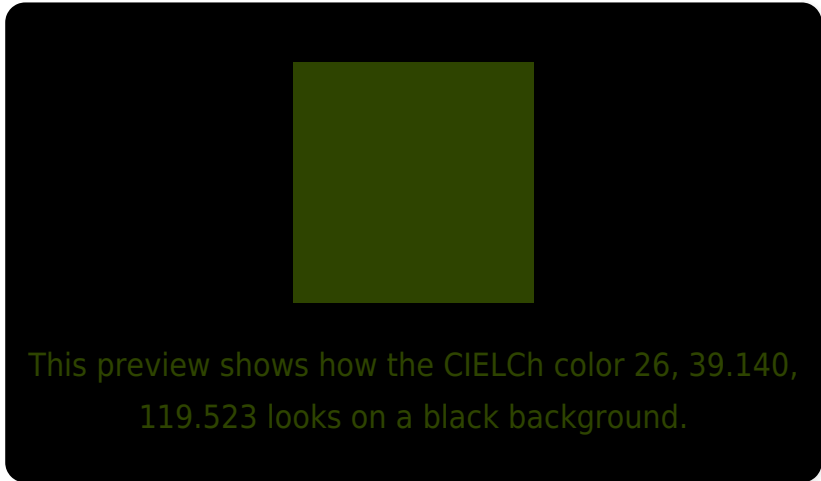
Large Text (above 18pt) WCAG AA ✓ Pass

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

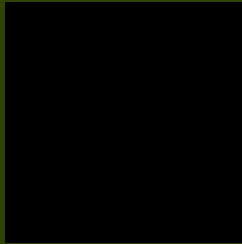
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 39.140, 119.523

Background



This preview shows how black text looks on a background with the CIELCh color 26, 39.140, 119.523.



This preview shows how white text looks on a background with the CIELCh color 26, 39.140, 119.523.

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

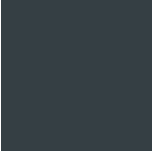
26, 39.140, 119.523

Protanopia

26, 35.113, 95.883

Deuteranopia

26, 29.933, 82.780



Tritanopia
26, 5.246, 237.687

Trichromacy



Original Color
26, 39.140, 119.523

Protanomaly
26, 35.660, 105.581

Deuteranomaly
26, 31.616, 99.680

Tritanomaly
26, 15.722, 132.320

Monochromacy



Original Color
26, 39.140, 119.523

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 16.728, 120.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 39.140, 119.523 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(46, 68, 0)` looks like.

```
.text, #text, p{  
    color:rgb(46, 68, 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(46, 68, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 68, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 39.140, 119.523 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(46, 68, 0) }
```

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

```
.border{ border-color:rgb(46, 68, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 68, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 68, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 68, 0); box-shadow:4px  
4px 4px 4px rgb(46, 68, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 39.140, 119.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 68, 0) }
```

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

```
.background{ background-color: rgb(46, 68,  
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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