

Converting Colors

CIELCh(26, 39.901, 134.828)

Have a look what the booklet for
CIELCh(26, 39.901, 134.828)
contains.

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Color

CIELCh(26, 40.052, 134.777)

Conversions

Conversions Part 1

Format	Color
Hex	18470D
RGB	24, 71, 13
RGB Percent	9%, 28%, 5%
CMY	0.9054, 0.7211, 0.9485
CMYK	0.66, 0.00, 0.82, 0.72
HSL	109°, 69%, 17%
HSV	109°, 82%, 28%
XYZ	2.7140, 4.7465, 1.1580
YIQ	50.3350, -9.3940, -28.0020

Conversions

Conversions Part 2

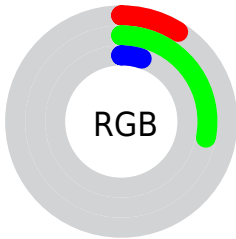
Format	Color
RYB	13, 71, 60
Decimal	1591053
CIELab	26.00, -28.21, 28.43
CIELCh	26, 40.052, 134.777
Yxy	4.7465, 0.3149, 0.5507
Android (android.graphics.Color)	4279781133 (0xFF18470D)
YUV	50.3350, -18.4062, -23.0958
Hunter-Lab	21.7865, -15.8905, 12.0991

Details

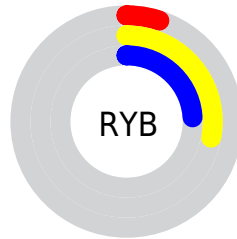
The CIELCh color **26, 40.052, 134.777** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14, 40.610, 321.690**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 40.111, 134.785**, and **8, 19.932, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 43.362, 134.385**, and if you desaturate by 10%, it is **26, 36.169, 135.241**.

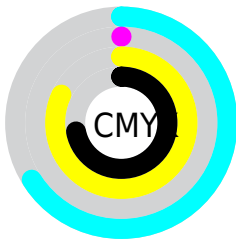
Distribution



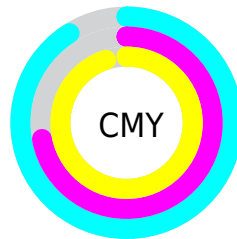
- Red (9%)
- Green (28%)
- Blue (5%)



- Red (5%)
- Yellow (28%)
- Blue (24%)



- Cyan (66%)
- Magenta (0%)
- Yellow (82%)
- Black (72%)





- Cyan (91%)
- Magenta (72%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 40.052, 134.777 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, 40.052, 134.777 by changing the saturation by 10% instead.

 26, 40.052,
134.777

 26, 40.052,
134.777

 100, 40.052,
134.777


 16, 40.052,
134.777


 46, 40.052,
134.777


 6, 40.052, 134.777

 56, 40.052,
134.777

 0, 40.052, 134.777

 66, 40.052,
134.777

 76, 40.052,
134.777

 86, 40.052,
134.777

 96, 40.052,

134.777

■ 26, 40.052,
134.777

■ 26, 40.052,
134.777

■ 26, 43.362,
134.385

■ 26, 36.169,
135.241

■ 26, 46.077,
133.836

■ 27, 31.741,
135.818

■ 27, 26.930,
136.438

■ 28, 21.867,
137.052

■ 28, 16.654,
137.632

■ 29, 11.369,
138.165

■ 29, 6.071, 138.649

■ 30, 0.805, 139.179

■ 31, 4.397, 319.402

Harmonies

Complementary

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



26, 40.052, 134.777



14, 40.610, 321.690

Rectangle

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



26, 40.052, 134.777



26, 40.052, 184.777



26, 40.052, 314.777



26, 40.052, 4.777

Sweetspot

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



26, 40.052, 134.778



37, 15.659, 137.991



25, 29.016, 91.581



18, 10.601, 137.902



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, 40.052, 134.778



33, 54.666, 134.202



26, 34.350, 146.099



14, 2.934, 138.784



36, 58.595, 134.185



79, 108.017, 134.888

Inverse Universe

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



14, 40.610, 321.690



17, 54.982, 321.525



15, 33.439, 340.640



13, 2.949, 319.431



19, 58.861, 321.448



47, 107.720, 320.974

Previews

White Background



This preview shows how the CIELCh color 26, 40.052, 134.777 looks on a white background.

Color Contrast Check

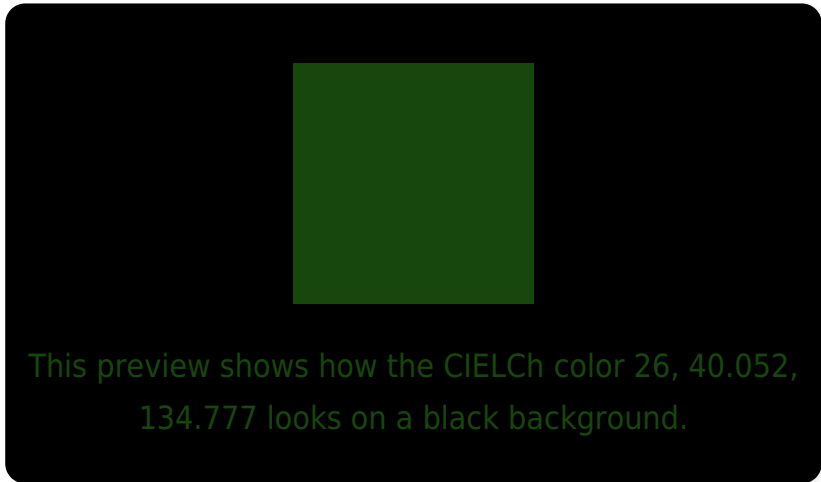
Large Text (above 18pt) WCAG AA ✓ Pass

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

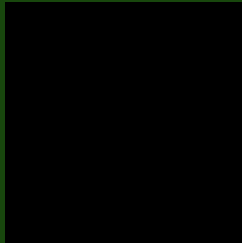
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 40.052, 134.777

Background



This preview shows how black text looks on a background with the CIELCh color 26, 40.052, 134.777.



This preview shows how white text looks on a background with the CIELCh color 26, 40.052, 134.777.

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](#).

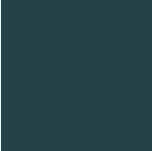
Dichromacy



Original Color
26, 40.052, 134.777

Protanopia
26, 30.582, 96.746

Deuteranopia
26, 26.341, 82.001



Tritanopia
26, 11.436, 218.078

Trichromacy



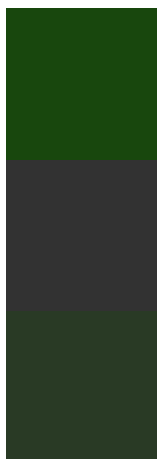
Original Color
26, 40.052, 134.777

Protanomaly
25, 31.938, 115.078

Deuteranomaly
25, 28.167, 109.705

Tritanomaly
26, 18.835, 160.282

Monochromacy



Original Color
26, 40.052, 134.777

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 16.106, 137.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 40.052, 134.777 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(24, 71, 13)` looks like.

```
.text, #text, p{  
    color:rgb(24, 71, 13)  
}
```

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(24, 71, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 71, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 40.052, 134.777 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(24, 71, 13) }
```

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

```
.border{ border-color:rgb(24, 71, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 71, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 71, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 71, 13);  
box-shadow:4px 4px 4px 4px rgb(24, 71, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 40.052, 134.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 71, 13) }
```

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

```
.background{ background-color: rgb(24, 71,  
13) }
```

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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