

Converting Colors

CIELCh(26, 38.055, 145.938)

Have a look what the booklet for
CIELCh(26, 38.055, 145.938)
contains.

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Color

CIELCh(26, 37.929, 146.031)

Conversions

Conversions Part 1

Format	Color
Hex	01481B
RGB	1, 72, 27
RGB Percent	0%, 28%, 11%
CMY	0.9951, 0.7169, 0.8935
CMYK	0.98, 0.00, 0.62, 0.72
HSL	142°, 97%, 14%
HSV	142°, 98%, 28%
XYZ	2.5447, 4.7465, 1.8290
YIQ	45.6410, -27.8710, -29.0470

Conversions

Conversions Part 2

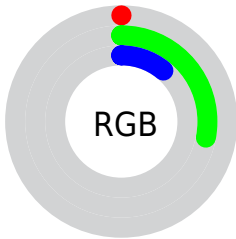
Format	Color
R_YB	1, 53, 72
Decimal	83995
CIE _{Lab}	26.00, -31.46, 21.19
CIE _{LCh}	26, 37.929, 146.031
Yxy	4.7465, 0.2790, 0.5204
Android (android.graphics.Color)	4278274075 (0xFF01481B)
YUV	45.6410, -9.1900, -39.1502
Hunter-Lab	21.7865, -17.2773, 10.2730

Details

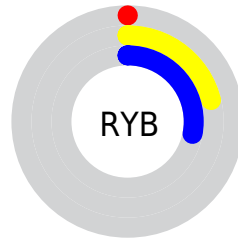
The CIELCh color **26, 37.929, 146.031** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13, 36.077, 346.860**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 37.623, 146.171**, and **8, 19.932, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 38.434, 145.818**, and if you desaturate by 10%, it is **26, 34.989, 147.452**.

Distribution



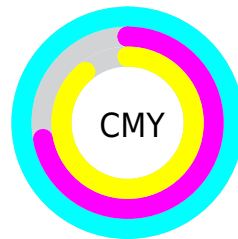
- Red (0%)
- Green (28%)
- Blue (11%)



- Red (0%)
- Yellow (21%)
- Blue (28%)



- Cyan (98%)
- Magenta (0%)
- Yellow (62%)
- Black (72%)





- Cyan (100%)
- Magenta (72%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 37.929, 146.031 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, 37.929, 146.031 by changing the saturation by 10% instead.

 26, 37.929,
146.031


 26, 37.929,
146.031

 100, 37.929,
146.031


 16, 37.929,
146.031


 46, 37.929,
146.031


 6, 37.929, 146.031

 56, 37.929,
146.031

 0, 37.929, 146.031

 66, 37.929,
146.031

 76, 37.929,
146.031

 86, 37.929,
146.031

 96, 37.929,

146.031

■ 26, 37.929,
146.031

■ 26, 37.929,
146.031

■ 26, 38.434,
145.818

■ 26, 34.989,
147.452

■ 26, 31.905,
149.073

■ 27, 28.477,
150.549

■ 27, 24.744,
151.866

■ 28, 20.763,
153.035

■ 28, 16.598,
154.070

■ 29, 12.311,
154.989

■ 29, 7.959, 155.809

■ 30, 3.590, 156.559

Harmonies

Complementary

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



26, 37.929, 146.031



13, 36.077, 346.860

Rectangle

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



26, 37.929, 146.031



26, 37.929, 196.031



26, 37.929, 326.031



26, 37.929, 16.031

Sweetspot

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



26, 37.929, 146.031



37, 15.765, 154.823



28, 40.697, 120.684



18, 10.900, 154.620



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



26, 37.929, 146.031



34, 47.112, 144.876



27, 22.845, 178.126



14, 2.399, 156.536



36, 49.050, 144.716



79, 93.031, 143.026

Inverse Universe

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



13, 36.077, 346.860



19, 43.482, 348.112



12, 35.200, 23.864



13, 2.414, 337.562



20, 45.053, 348.294



50, 81.170, 350.378

Previews

White Background



This preview shows how the CIELCh color 26, 37.929, 146.031 looks on a white background.

Color Contrast Check

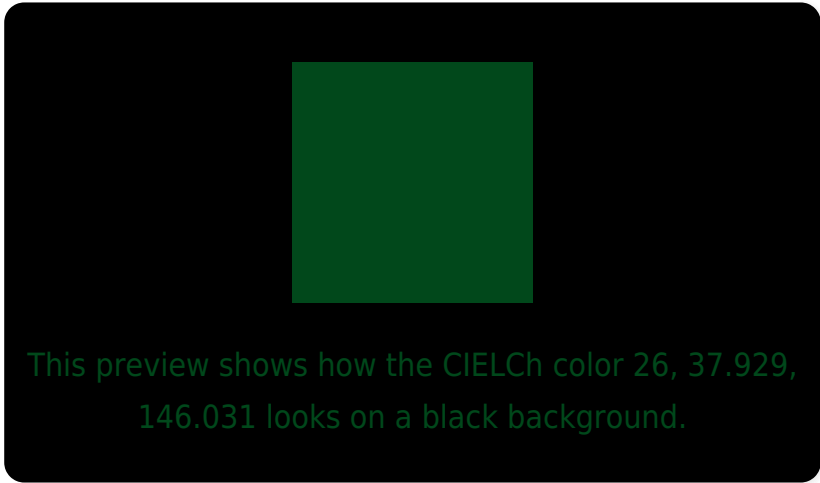
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.929, 146.031

Background



This preview shows how black text looks on a background with the CIELCh color 26, 37.929, 146.031.



This preview shows how white text looks on a background with the CIELCh color 26, 37.929, 146.031.

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](#).

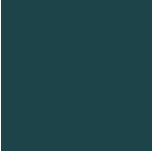
Dichromacy



Original Color
26, 37.929, 146.031

Protanopia
26, 24.167, 96.362

Deuteranopia
26, 20.352, 80.208



Tritanopia
26, 14.056, 210.930

Trichromacy



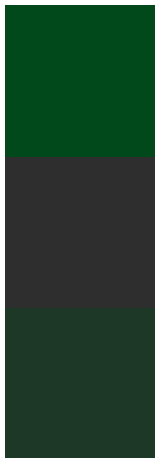
Original Color
26, 37.929, 146.031

Protanomaly
25, 27.788, 127.864

Deuteranomaly
25, 22.837, 124.753

Tritanomaly
26, 21.080, 170.303

Monochromacy



Original Color
26, 37.929, 146.031

Achromatopsia
19, 0.004, 296.813

Achromatomaly
21, 16.463, 152.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 37.929, 146.031 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(1, 72, 27)` looks like.

```
.text, #text, p{  
    color:rgb(1, 72, 27)  
}
```

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(1, 72, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 72, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 37.929, 146.031 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(1, 72, 27) }
```

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

```
.border{ border-color:rgb(1, 72, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 72, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 72, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 72, 27); box-shadow:4px  
4px 4px 4px rgb(1, 72, 27) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 37.929, 146.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 72, 27) }
```

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

```
.background{ background-color: rgb(1, 72,  
27) }
```

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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