

Converting Colors

CIELCh(26, 47.508, 135.780)

Have a look what the booklet for
CIELCh(26, 47.508, 135.780)
contains.

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Color

CIELCh(26, 47.680, 135.771)

Conversions

Conversions Part 1

Format	Color
Hex	044901
RGB	4, 73, 1
RGB Percent	2%, 29%, 0%
CMY	0.9862, 0.7150, 0.9973
CMYK	0.95, 0.00, 0.99, 0.71
HSL	118°, 98%, 14%
HSV	118°, 99%, 29%
XYZ	2.4089, 4.7465, 0.8089
YIQ	44.1610, -18.0120, -37.0200

Conversions

Conversions Part 2

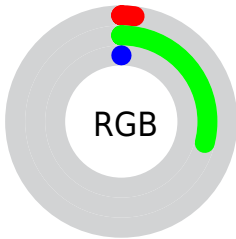
Format	Color
R_YB	1, 73, 70
Decimal	280833
CIE Lab	26.00, -34.17, 33.26
CIE LCh	26, 47.680, 135.771
Yxy	4.7465, 0.3025, 0.5960
Android (android.graphics.Color)	4278470913 (0xFF044901)
YUV	44.1610, -21.2784, -35.2212
Hunter-Lab	21.7865, -18.3898, 13.0493

Details

The CIELCh color **26, 47.680, 135.771** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14, 46.505, 326.823**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 47.923, 135.637**, and **8, 21.034, 144.425** is the 20% darker color. If you saturate the color by 10%, you get **26, 47.984, 135.692**, and if you desaturate by 10%, it is **26, 44.512, 136.703**.

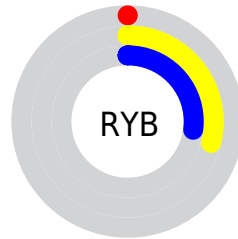
Distribution



Red (2%)

Green (29%)

Blue (0%)



Red (0%)

Yellow (29%)

Blue (27%)

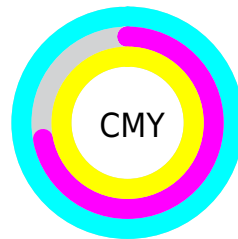


Cyan (95%)

Magenta (0%)

Yellow (99%)

Black (71%)



Cyan (99%)


Magenta (72%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 47.680, 135.771 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, 47.680, 135.771 by changing the saturation by 10% instead.

 26, 47.680,
135.771


 26, 47.680,
135.771

 100, 47.680,
135.771


 16, 47.680,
135.771


 46, 47.680,
135.771


 6, 47.680, 135.771

 56, 47.680,
135.771

 0, 47.680, 135.771

 66, 47.680,
135.771

 76, 47.680,
135.771

 86, 47.680,
135.771

 96, 47.680,

135.771

■ 26, 47.680,
135.771

■ 26, 47.680,
135.771

■ 26, 47.984,
135.692

■ 26, 44.512,
136.703

■ 26, 41.211,
137.492

■ 27, 37.150,
138.373

■ 27, 32.479,
139.291

■ 28, 27.369,
140.178

■ 28, 21.966,
140.999

■ 29, 16.390,
141.738

■ 29, 10.736,
142.390

■ 30, 5.077, 142.968

Harmonies

Complementary

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



26, 47.680, 135.771



14, 46.505, 326.823

Rectangle

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



26, 47.680, 135.771



26, 47.680, 185.771



26, 47.680, 315.771



26, 47.680, 5.771

Sweetspot

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



26, 47.680, 135.772



37, 21.007, 141.589



29, 37.548, 99.999



18, 14.446, 141.434



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, 47.680, 135.772



34, 57.592, 135.660



26, 35.586, 149.469



14, 3.077, 142.995



36, 59.766, 135.680



79, 109.488, 135.890

Inverse Universe

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



14, 46.505, 326.823



20, 55.940, 326.786



13, 35.008, 353.240



13, 3.084, 323.764



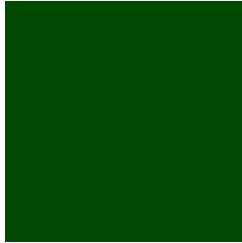
21, 58.037, 326.776



52, 106.031, 326.669

Previews

White Background



This preview shows how the CIELCh color 26, 47.680, 135.771 looks on a white background.

Color Contrast Check

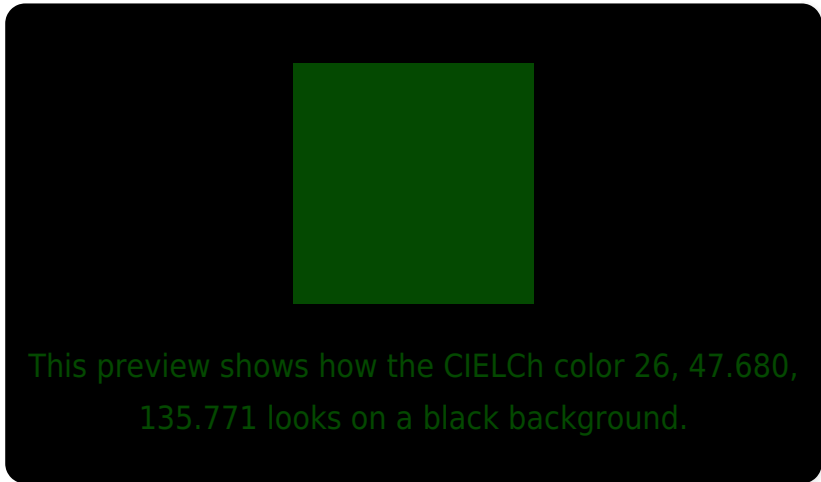
Large Text (above 18pt) WCAG AA ✓ Pass

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

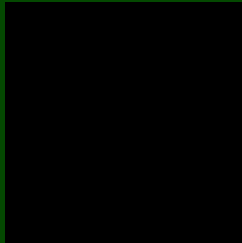
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 47.680, 135.771

Background



This preview shows how black text looks on a background with the CIELCh color 26, 47.680, 135.771.



This preview shows how white text looks on a background with the CIELCh color 26, 47.680, 135.771.

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, 47.680, 135.771

Protanopia
26, 35.113, 95.883

Deuteranopia
26, 28.779, 83.447



Tritanopia
26, 13.557, 211.510

Trichromacy



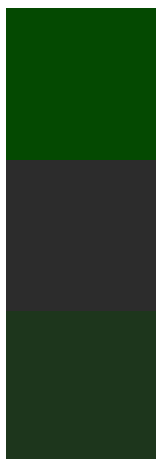
Original Color
26, 47.680, 135.771

Protanomaly
25, 38.039, 118.628

Deuteranomaly
25, 32.413, 115.732

Tritanomaly
26, 24.546, 158.137

Monochromacy



Original Color
26, 47.680, 135.771

Achromatopsia
18, 0.003, 296.813

Achromatomaly
20, 21.030, 140.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 47.680, 135.771 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(4, 73, 1)` looks like.

```
.text, #text, p{  
    color:rgb(4, 73, 1)  
}
```

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(4, 73, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 73, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 47.680, 135.771 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(4, 73, 1) }
```

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

```
.border{ border-color:rgb(4, 73, 1) }
```

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

Here you see how a box with a 4 pixel rgb(4, 73, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 73, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 73, 1); box-shadow:4px  
4px 4px 4px rgb(4, 73, 1) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 47.680, 135.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 73, 1) }
```

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

```
.background{ background-color: rgb(4, 73,  
1) }
```

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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