

Converting Colors

CIELCh(26, 47.688, 135.361)

Have a look what the booklet for
CIELCh(26, 47.688, 135.361)
contains.

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Color

CIELCh(26, 47.915, 135.332)

Conversions

Conversions Part 1

Format	Color
Hex	044900
RGB	4, 73, 0
RGB Percent	2%, 29%, 0%
CMY	0.9825, 0.7151, 1.0000
CMYK	0.94, 0.00, 1.00, 0.72
HSL	116°, 100%, 14%
HSV	116°, 100%, 28%
XYZ	2.4133, 4.7465, 0.7791
YIQ	44.0470, -17.6910, -37.3310

Conversions

Conversions Part 2

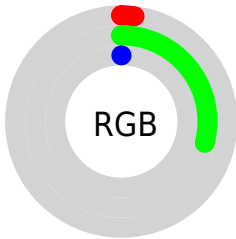
Format	Color
RYB	0, 73, 69
Decimal	280832
CIELab	26.00, -34.08, 33.68
CIELCh	26, 47.915, 135.332
Yxy	4.7465, 0.3040, 0.5979
Android (android.graphics.Color)	4278470912 (0xFF044900)
YUV	44.0470, -21.7152, -35.1212
Hunter-Lab	21.7865, -18.3540, 13.1303

Details

The CIELCh color **26, 47.915, 135.332** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14, 46.838, 326.059**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 48.351, 135.324**, and **8, 21.034, 144.425** is the 20% darker color. If you saturate the color by 10%, you get **26, 47.798, 135.426**, and if you desaturate by 10%, it is **26, 44.636, 136.362**.

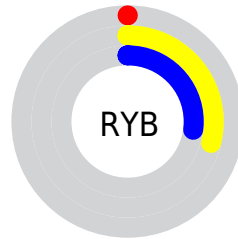
Distribution



Red (2%)

Green (29%)

Blue (0%)



Red (0%)

Yellow (29%)

Blue (27%)

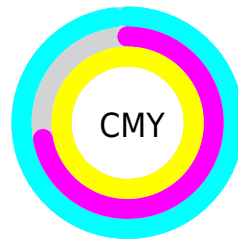


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (98%)


Magenta (72%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 47.915, 135.332 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, 47.915, 135.332 by changing the saturation by 10% instead.

 26, 47.915,
135.332


 26, 47.915,
135.332

 100, 47.915,
135.332


 16, 47.915,
135.332


 46, 47.915,
135.332


 6, 47.915, 135.332

 56, 47.915,
135.332

 0, 47.915, 135.332

 66, 47.915,
135.332

 76, 47.915,
135.332

 86, 47.915,
135.332

 96, 47.915,

135.332

■ 26, 47.915,
135.332

■ 26, 47.915,
135.332

■ 26, 47.798,
135.426

■ 26, 44.636,
136.362

■ 26, 41.359,
137.089

■ 27, 37.352,
137.899

■ 27, 32.733,
138.762

■ 27, 27.674,
139.610

■ 28, 22.323,
140.402

■ 29, 16.795,
141.119

■ 29, 11.186,
141.757

■ 30, 5.568, 142.323

Harmonies

Complementary

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



26, 47.915, 135.332



14, 46.838, 326.059

Rectangle

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



26, 47.915, 135.332



26, 47.915, 185.332



26, 47.915, 315.332



26, 47.915, 5.332

Sweetspot

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



26, 47.798, 135.426



37, 20.857, 141.040



28, 37.364, 98.915



18, 14.343, 140.891



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, 47.798, 135.426



34, 57.434, 135.458



26, 36.390, 148.597



14, 3.055, 142.400



36, 59.612, 135.489



79, 109.371, 135.812

Inverse Universe

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



14, 46.838, 326.059



20, 56.016, 325.976



13, 35.461, 352.107



13, 3.063, 323.147



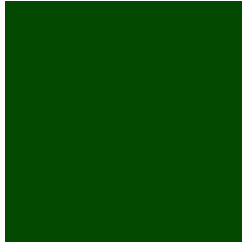
21, 58.117, 325.961



51, 106.194, 325.794

Previews

White Background



This preview shows how the CIELCh color 26, 47.915, 135.332 looks on a white background.

Color Contrast Check

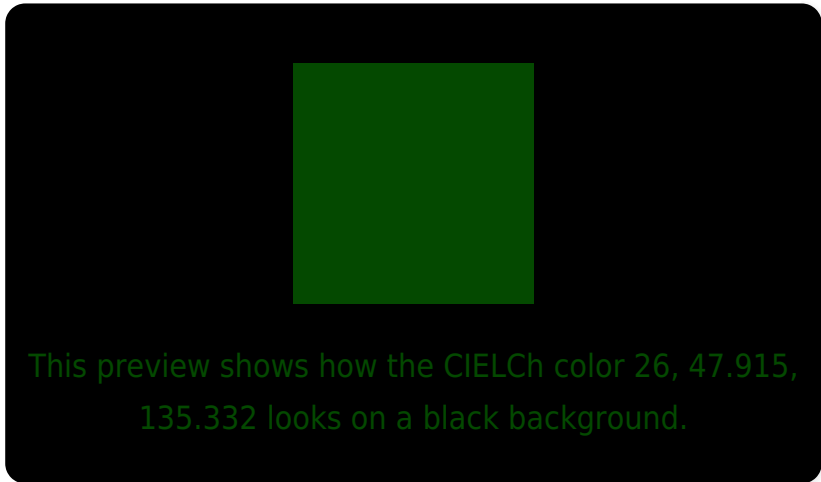
Large Text (above 18pt) WCAG AA ✓ Pass

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

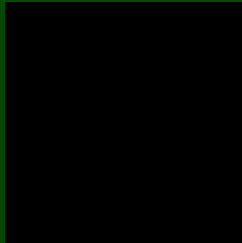
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 47.915, 135.332

Background



This preview shows how black text looks on a background with the CIELCh color 26, 47.915, 135.332.



This preview shows how white text looks on a background with the CIELCh color 26, 47.915, 135.332.

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, 48.020, 135.496

Protanopia

26, 35.113, 95.883

Deuteranopia

26, 28.779, 83.447



Tritanopia
26, 13.557, 211.510

Trichromacy



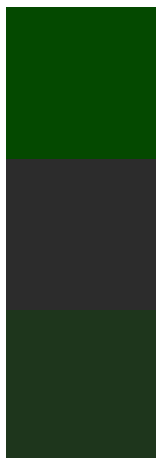
Original Color
26, 48.020, 135.496

Protanomaly
25, 38.039, 118.628

Deuteranomaly
25, 32.413, 115.732

Tritanomaly
26, 25.008, 157.055

Monochromacy



Original Color
26, 48.020, 135.496

Achromatopsia
18, 0.003, 296.813

Achromatomaly
20, 20.785, 139.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 47.915, 135.332 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(4, 73, 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(4, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 73, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 47.915, 135.332 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, 0) }
```

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

```
.border{ border-color:rgb(4, 73, 0) }
```

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, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 73, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 73, 0); box-shadow:4px  
4px 4px 4px rgb(4, 73, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 47.915, 135.332 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, 0) }
```

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

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