

Converting Colors

CIELCh(26, 15.056, 97.872)

Have a look what the booklet for
CIELCh(26, 15.056, 97.872) contains.

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Color

CIELCh(26, 15.061, 97.410)

Conversions

Conversions Part 1

Format	Color
Hex	433E27
RGB	67, 62, 39
RGB Percent	26%, 24%, 15%
CMY	0.7383, 0.7579, 0.8480
CMYK	0.00, 0.07, 0.42, 0.74
HSL	49°, 27%, 21%
HSV	49°, 42%, 26%
XYZ	4.3677, 4.7465, 2.5846
YIQ	60.8730, 10.3630, -6.0930

Conversions

Conversions Part 2

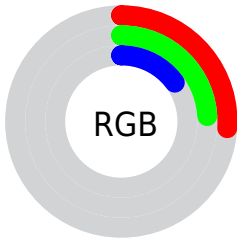
Format	Color
R_{YB}	45, 67, 39
Decimal	4406823
CIE Lab	26.00, -1.94, 14.94
CIE LCh	26, 15.061, 97.410
Yxy	4.7465, 0.3733, 0.4057
Android (android.graphics.Color)	4282596903 (0xFF433E27)
YUV	60.8730, -10.7834, 5.3734
Hunter-Lab	21.7865, -2.3407, 8.2169

Details

The CIELCh color **26, 15.061, 97.410** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18, 15.873, 287.125**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 15.067, 96.152**, and **6, 9.470, 98.272** is the 20% darker color. If you saturate the color by 10%, you get **26, 18.591, 96.358**, and if you desaturate by 10%, it is **27, 11.476, 98.460**.

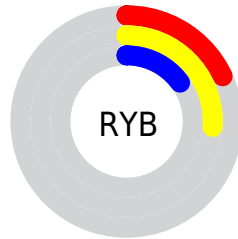
Distribution



Red (26%)

Green (24%)

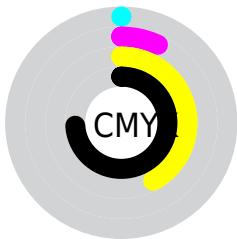
Blue (15%)



Red (18%)

Yellow (26%)

Blue (15%)

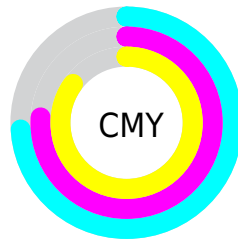


Cyan (0%)

Magenta (7%)

Yellow (42%)

Black (74%)



Cyan (74%)

Magenta (76%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 15.061, 97.410 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, 15.061, 97.410 by changing the saturation by 10% instead.

■ 26, 15.061, 97.410

■ 26, 15.061, 97.410

■ 100, 15.061,
97.410

■ 16, 15.061, 97.410

■ 46, 15.061, 97.410

■ 6, 15.061, 97.410

■ 56, 15.061, 97.410

■ 0, 15.061, 97.410

■ 66, 15.061, 97.410

■ 76, 15.061, 97.410

■ 86, 15.061, 97.410

■ 96, 15.061, 97.410

■ 26, 15.061, 97.410

■ 26, 15.061, 97.410

■ 26, 18.591, 96.358

■ 27, 11.476, 98.460

■ 25, 22.007, 95.296

■ 27, 7.871, 99.488

■ 25, 25.216, 94.233

■ 28, 4.269, 100.490

■ 24, 28.082, 93.167

■ 28, 0.682, 101.391

■ 24, 30.402, 92.148

■ 29, 2.881, 282.465

■ 23, 32.238, 91.428

■ 29, 6.416, 283.371

■ 30, 9.922, 284.252

■ 31, 13.396,
285.097

■ 31, 16.840,
285.905

Harmonies

Complementary

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



26, 15.061, 97.410



18, 15.873, 287.125

Rectangle

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



26, 15.061, 97.410



26, 15.061, 147.410



26, 15.061, 277.410



26, 15.061, 327.410

Sweetspot

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



26, 15.062, 97.414



36, 5.789, 100.330



19, 14.157, 8.936



17, 3.989, 100.222



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



26, 15.062, 97.414



34, 22.252, 96.341



27, 18.329, 120.342



12, 1.978, 100.823



34, 42.731, 90.631



76, 78.296, 89.540

Inverse Universe

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



18, 15.873, 287.125



22, 23.900, 288.982



18, 19.752, 304.960



12, 2.000, 282.562



11, 55.819, 301.472



32, 109.765, 303.407

Previews

White Background



This preview shows how the CIELCh color 26, 15.061, 97.410 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



This preview shows how the CIELCh color 26, 15.061, 97.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

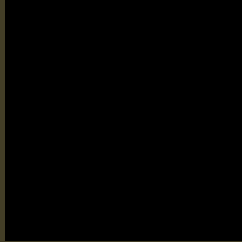
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

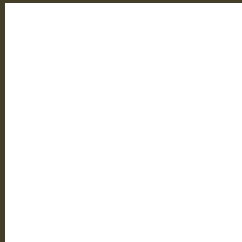
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 15.061, 97.410

Background



This preview shows how black text looks on a background with the CIELCh color 26, 15.061, 97.410.

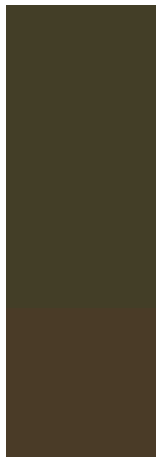


This preview shows how white text looks on a background with the CIELCh color 26, 15.061, 97.410.

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, 15.061, 97.410

Protanopia

26, 15.061, 97.410

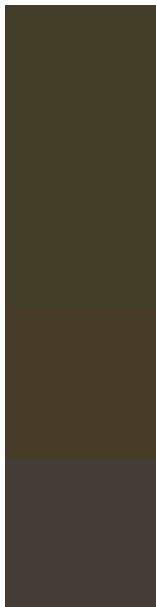
Deuteranopia

26, 15.255, 77.130



Tritanopia
26, 5.251, 350.565

Trichromacy



Original Color
26, 15.061, 97.410

Protanomaly
26, 15.061, 97.410

Deuteranomaly
26, 14.815, 85.018

Tritanomaly
26, 5.473, 65.293

Monochromacy



Original Color
26, 15.061, 97.410

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 5.304, 98.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 15.061, 97.410 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(67, 62, 39)` looks like.

```
.text, #text, p{  
    color:rgb(67, 62, 39)  
}
```

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(67, 62, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 62, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 15.061, 97.410 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(67, 62, 39) }
```

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

```
.border{ border-color:rgb(67, 62, 39) }
```

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

Here you see how a box with a 4 pixel rgb(67, 62, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 62, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 62, 39);  
box-shadow:4px 4px 4px 4px rgb(67, 62, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 15.061, 97.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 62, 39) }
```

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

```
.background{ background-color: rgb(67, 62,  
39) }
```

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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