

Converting Colors

CIELCh(26, 16.769, 113.578)

Have a look what the booklet for
CIElCh(26, 16.769, 113.578)
contains.

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Color

CIELCh(26, 16.769, 113.578)

Conversions

Conversions Part 1

Format	Color
Hex	3C4026
RGB	60, 64, 38
RGB Percent	24%, 25%, 15%
CMY	0.7653, 0.7496, 0.8515
CMYK	0.06, 0.00, 0.41, 0.75
HSL	69°, 26%, 20%
HSV	69°, 41%, 25%
XYZ	4.0283, 4.7465, 2.5265
YIQ	59.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

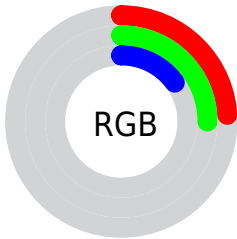
Format	Color
R_{YB}	38, 64, 42
Decimal	3948582
CIE Lab	26.00, -6.71, 15.37
CIE LCh	26, 16.769, 113.578
Yxy	4.7465, 0.3564, 0.4200
Android (android.graphics.Color)	4282138662 (0xFF3C4026)
YUV	59.8400, -10.7671, 0.1403
Hunter-Lab	21.7865, -5.1218, 8.3749

Details

The CIELCh color **26, 16.769, 113.578** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **17, 18.256, 299.596**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 17.101, 113.717**, and **6, 11.003, 123.821** is the 20% darker color. If you saturate the color by 10%, you get **26, 20.686, 112.970**, and if you desaturate by 10%, it is **26, 12.732, 114.222**.

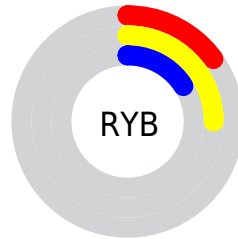
Distribution



Red (24%)

Green (25%)

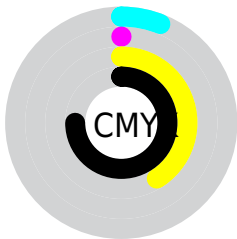
Blue (15%)



Red (15%)

Yellow (25%)

Blue (16%)

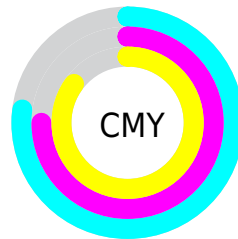


Cyan (6%)

Magenta (0%)

Yellow (41%)

Black (75%)



Cyan (77%)


Magenta (75%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 16.769, 113.578 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, 16.769, 113.578 by changing the saturation by 10% instead.

 26, 16.769,
113.578


 26, 16.769,
113.578

 100, 16.769,
113.578


 16, 16.769,
113.578


 46, 16.769,
113.578


 6, 16.769, 113.578

 56, 16.769,
113.578

 0, 16.769, 113.578

 66, 16.769,
113.578

 76, 16.769,
113.578

 86, 16.769,
113.578

 96, 16.769,

113.578

■ 26, 16.769,
113.578

■ 26, 16.769,
113.578

■ 26, 20.686,
112.970

■ 26, 12.732,
114.222

■ 26, 24.416,
112.418

■ 26, 8.620, 114.876

■ 25, 27.865,
111.959

■ 27, 4.465, 115.528

■ 27, 0.289, 116.161

■ 25, 30.909,
111.639

■ 27, 3.891, 296.793

■ 25, 33.539,
111.468

■ 28, 8.065, 297.391

■ 28, 12.222,
297.964

■ 25, 35.959,
111.351

■ 28, 16.356,
298.509

■ 29, 20.463,
299.025

Harmonies

Complementary

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



26, 16.769, 113.578



17, 18.256, 299.596

Rectangle

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



26, 16.769, 113.578



26, 16.769, 163.578



26, 16.769, 293.578



26, 16.769, 343.578

Sweetspot

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



26, 16.770, 113.581



35, 6.297, 115.409



19, 11.777, 34.633



17, 4.214, 115.386



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, 16.770, 113.581



34, 25.135, 112.940



25, 18.663, 132.449



13, 2.394, 115.666



38, 48.389, 111.590



84, 89.438, 112.235

Inverse Universe

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



17, 18.256, 299.596



20, 28.137, 300.764



18, 19.276, 315.669



11, 2.437, 296.788



9, 64.841, 307.300



29, 120.413, 306.846

Previews

White Background



This preview shows how the CIELCh color 26, 16.769, 113.578 looks on a white background.

Color Contrast Check

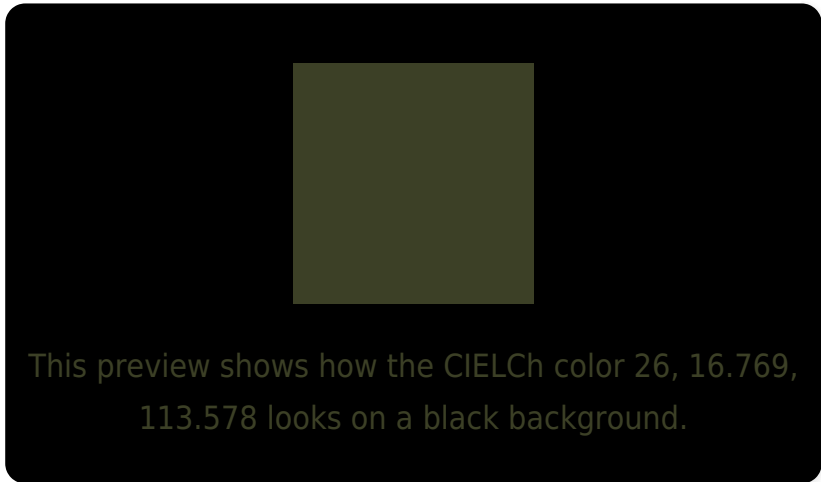
Large Text (above 18pt) WCAG AA ✓ Pass

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

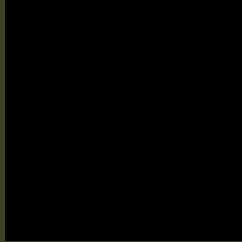
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

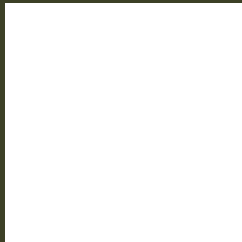
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 16.769, 113.578

Background



This preview shows how black text looks on a background with the CIELCh color 26, 16.769, 113.578.



This preview shows how white text looks on a background with the CIELCh color 26, 16.769, 113.578.

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, 16.769, 113.578

Protanopia

26, 16.302, 97.823

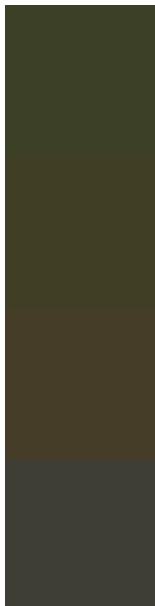
Deuteranopia

26, 15.255, 77.130



Tritanopia
26, 2.780, 309.286

Trichromacy



Original Color
26, 16.769, 113.578

Protanomaly
26, 16.681, 104.977

Deuteranomaly
26, 14.842, 91.280

Tritanomaly
26, 4.561, 109.230

Monochromacy



Original Color
26, 16.769, 113.578

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 5.901, 113.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 16.769, 113.578 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(60, 64, 38)` looks like.

```
.text, #text, p{  
    color:rgb(60, 64, 38)  
}
```

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(60, 64, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 64, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 16.769, 113.578 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(60, 64, 38) }
```

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

```
.border{ border-color:rgb(60, 64, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 64, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 64, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 64, 38);  
box-shadow:4px 4px 4px 4px rgb(60, 64, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 16.769, 113.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 64, 38) }
```

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

```
.background{ background-color: rgb(60, 64,  
38) }
```

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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