

Converting Colors

CIELCh(26, 1.593, 89.229)

Have a look what the booklet for
CIELCh(26, 1.593, 89.229) contains.

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Color

CIELCh(26, 1.587, 74.648)

Conversions

Conversions Part 1

Format	Color
Hex	3F3D3B
RGB	63, 61, 59
RGB Percent	25%, 24%, 23%
CMY	0.7520, 0.7598, 0.7677
CMYK	0.00, 0.03, 0.06, 0.75
HSL	30°, 3%, 24%
HSV	30°, 6%, 25%
XYZ	4.5429, 4.7465, 4.8473
YIQ	61.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

Format	Color
RYB	63, 63, 59
Decimal	4144443
CIELab	26.00, 0.42, 1.53
CIELCh	26, 1.587, 74.648
Yxy	4.7465, 0.3214, 0.3358
Android (android.graphics.Color)	4282334523 (0xFF3F3D3B)
YUV	61.3700, -1.1684, 1.4295
Hunter-Lab	21.7865, -0.9057, 2.0589

Details

The CIELCh color **26, 1.587, 74.648** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 1.572, 256.249**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 1.705, 63.295**, and **6, 1.494, 73.043** is the 20% darker color. If you saturate the color by 10%, you get **25, 4.183, 73.674**, and if you desaturate by 10%, it is **27, 0.909, 256.018**.

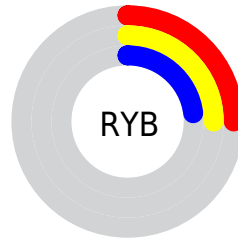
Distribution



Red (25%)

Green (24%)

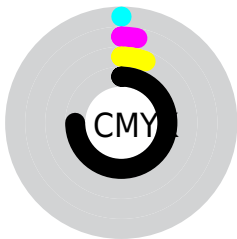
Blue (23%)



Red (25%)

Yellow (25%)

Blue (23%)



Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 1.587, 74.648 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, 1.587, 74.648 by changing the saturation by 10% instead.

■ 26, 1.587, 74.648 ■ 26, 1.587, 74.648

100, 1.587, 74.648 ■ 16, 1.587, 74.648

■ 46, 1.587, 74.648 ■ 6, 1.587, 74.648

■ 56, 1.587, 74.648 ■ 0, 1.587, 74.648

■ 66, 1.587, 74.648

■ 76, 1.587, 74.648

■ 86, 1.587, 74.648

■ 96, 1.587, 74.648

■ 26, 1.587, 74.648 ■ 26, 1.587, 74.648

■ 25, 4.183, 73.674 ■ 27, 0.909, 256.018

24, 6.885, 72.601	28, 3.315, 256.916
22, 9.700, 71.509	30, 5.638, 257.896
21, 12.627, 70.407	31, 7.888, 258.856
20, 15.659, 69.294	32, 10.071, 259.787
19, 18.772, 68.160	33, 12.194, 260.685
18, 21.763, 66.811	35, 14.264, 261.548
17, 24.005, 64.641	36, 16.286, 262.377
16, 26.028, 62.511	37, 18.265, 263.171

Harmonies

Complementary

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



26, 1.587, 74.648



26, 1.572, 256.249

Rectangle

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



26, 1.587, 74.648



26, 1.587, 124.648



26, 1.587, 254.648



26, 1.587, 304.648

Sweetspot

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



26, 1.587, 74.683



34, 0.613, 74.920



25, 2.250, 344.024



16, 0.342, 74.902



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



26, 1.587, 74.683



34, 2.492, 74.494



27, 2.599, 109.639



11, 1.361, 74.490



25, 39.736, 62.590



59, 76.911, 60.129

Inverse Universe

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



26, 1.572, 256.249



33, 2.454, 256.459



25, 2.638, 290.738



11, 1.340, 256.463



19, 32.750, 280.812



48, 65.831, 284.682

Previews

White Background



This preview shows how the CIELCh color 26, 1.587, 74.648 looks on a white background.

Color Contrast Check

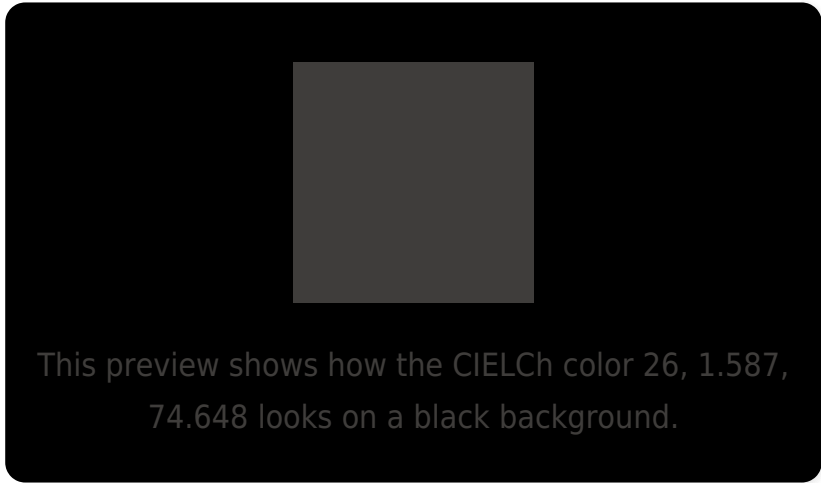
Large Text (above 18pt) WCAG AA ✓ Pass

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

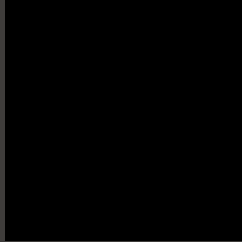
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

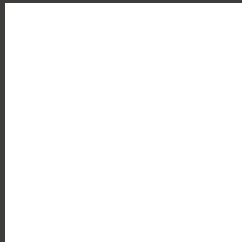
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 1.587, 74.648

Background



This preview shows how black text looks on a background with the CIELCh color 26, 1.587, 74.648.



This preview shows how white text looks on a background with the CIELCh color 26, 1.587, 74.648.

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, 1.587, 74.648

Protanopia

26, 1.587, 74.648

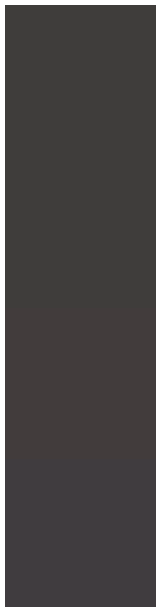
Deuteranopia

26, 4.200, 11.208



Tritanopia
26, 3.751, 319.083

Trichromacy



Original Color

26, 1.587, 74.648

Protanomaly

26, 1.587, 74.648

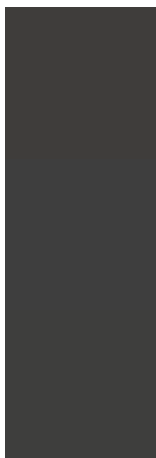
Deuteranomaly

26, 2.753, 19.815

Tritanomaly

26, 2.680, 332.638

Monochromacy



Original Color

26, 1.587, 74.648

Achromatopsia

26, 0.004, 296.813

Achromatomaly

26, 0.649, 110.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 1.587, 74.648 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(63, 61, 59)` looks like.

```
.text, #text, p{  
    color:rgb(63, 61, 59)  
}
```

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(63, 61, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 61, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 1.587, 74.648 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(63, 61, 59) }
```

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

```
.border{ border-color:rgb(63, 61, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 61, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 61, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 61, 59);  
box-shadow:4px 4px 4px 4px rgb(63, 61, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 1.587, 74.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 61, 59) }
```

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

```
.background{ background-color: rgb(63, 61,  
59) }
```

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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