

Converting Colors

CIELCh(26, 4.555, 6.944)

Have a look what the booklet for
CIELCh(26, 4.555, 6.944) contains.

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Color

CIELCh(26, 4.778, 4.436)

Conversions

Conversions Part 1

Format	Color
Hex	453B3D
RGB	69, 59, 61
RGB Percent	27%, 23%, 24%
CMY	0.7290, 0.7682, 0.7604
CMYK	0.00, 0.14, 0.12, 0.73
HSL	348°, 8%, 25%
HSV	348°, 14%, 27%
XYZ	4.8770, 4.7465, 5.0894
YIQ	62.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

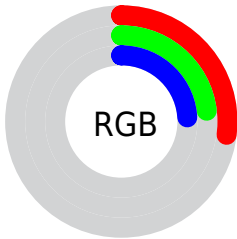
Format	Color
R _Y B	69, 59, 61
Decimal	4537149
CIE Lab	26.00, 4.76, 0.37
CIE LCh	26, 4.778, 4.436
Yxy	4.7465, 0.3315, 0.3226
Android (android.graphics.Color)	4282727229 (0xFF453B3D)
YUV	62.2180, -0.6005, 5.9478
Hunter-Lab	21.7865, 1.8317, 1.4001

Details

The CIELCh color $26, 4.778, 4.436$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $28, 4.541, 182.164$, and the grayscale version is $26, 0.004, 296.813$.

A 20% lighter version of the original color is $46, 4.719, 5.399$, and $6, 4.497, 3.848$ is the 20% darker color. If you saturate the color by 10%, you get $24, 8.260, 5.481$, and if you desaturate by 10%, it is $28, 1.443, 3.452$.

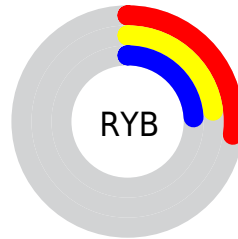
Distribution



Red (27%)

Green (23%)

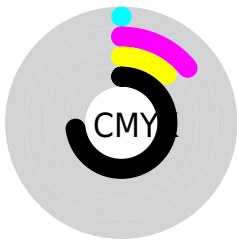
Blue (24%)



Red (27%)

Yellow (23%)

Blue (24%)

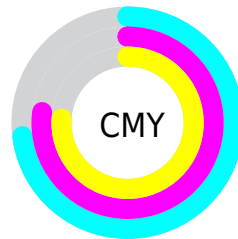


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 4.778, 4.436 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, 4.778, 4.436 by changing the saturation by 10% instead.

■ 26, 4.778, 4.436

■ 26, 4.778, 4.436

■ 100, 4.778, 4.436

■ 16, 4.778, 4.436

■ 46, 4.778, 4.436

■ 6, 4.778, 4.436

■ 56, 4.778, 4.436

■ 0, 4.778, 4.436

■ 66, 4.778, 4.436

■ 76, 4.778, 4.436

■ 86, 4.778, 4.436

■ 96, 4.778, 4.436

■ 26, 4.778, 4.436

■ 26, 4.778, 4.436

■ 24, 8.260, 5.481

■ 28, 1.443, 3.452

22, 11.868, 6.684

31, 1.736, 182.990

19, 15.561, 8.113

33, 4.759, 182.225

18, 19.272, 9.842

35, 7.635, 181.601

16, 22.906, 11.958

38, 10.372,
181.048

14, 26.353, 14.568

40, 12.981,
180.549

13, 29.499, 17.771

12, 32.416, 20.096

42, 15.474,
180.095

11, 34.063, 20.489

45, 17.862,
179.679

47, 20.154,
179.295

Harmonies

Complementary

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



26, 4.778, 4.436



28, 4.541, 182.164

Rectangle

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



26, 4.778, 4.436



26, 4.778, 54.436



26, 4.778, 184.436



26, 4.778, 234.436

Sweetspot

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



26, 4.777, 4.444



37, 1.594, 3.414



26, 7.466, 319.365



18, 1.144, 3.468



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 4.777, 4.444



33, 6.990, 4.762



27, 3.790, 50.674



13, 1.864, 3.883



19, 45.263, 25.822



48, 85.700, 30.249

Inverse Universe

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



26, 4.777, 4.444



33, 6.990, 4.762



28, 3.531, 232.629



13, 1.864, 3.883



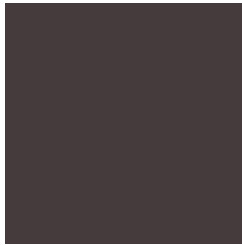
19, 45.263, 25.822



48, 85.700, 30.249

Previews

White Background



This preview shows how the CIELCh color 26, 4.778, 4.436 looks on a white background.

Color Contrast Check

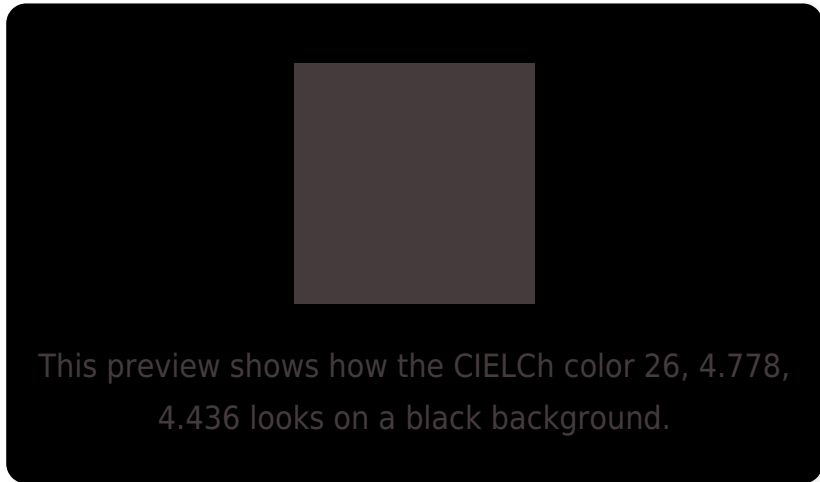
Large Text (above 18pt) WCAG AA ✓ Pass

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

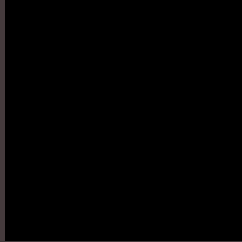
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 4.778, 4.436

Background



This preview shows how black text looks on a background with the CIELCh color 26, 4.778, 4.436.

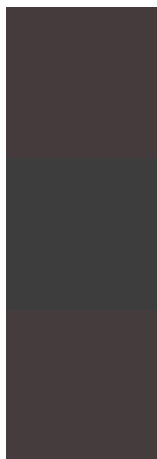


This preview shows how white text looks on a background with the CIELCh color 26, 4.778, 4.436.

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, 4.778, 4.436

Protanopia

26, 0.802, 324.379

Deuteranopia

26, 3.728, 9.977



Tritanopia
26, 5.251, 350.565

Trichromacy



Original Color

26, 4.778, 4.436

Protanomaly

26, 2.627, 349.943

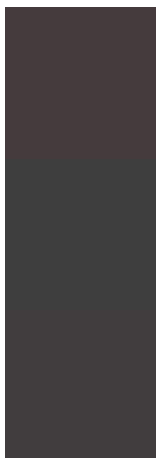
Deuteranomaly

26, 3.728, 9.977

Tritanomaly

26, 4.976, 357.165

Monochromacy



Original Color

26, 4.778, 4.436

Achromatopsia

26, 0.004, 296.813

Achromatomaly

26, 1.933, 359.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 4.778, 4.436 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(69, 59, 61)` looks like.

```
.text, #text, p{  
    color:rgb(69, 59, 61)  
}
```

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(69, 59, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 59, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 4.778, 4.436 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(69, 59, 61) }
```

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

```
.border{ border-color:rgb(69, 59, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 59, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 59, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 59, 61);  
box-shadow:4px 4px 4px 4px rgb(69, 59, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 4.778, 4.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 59, 61) }
```

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

```
.background{ background-color: rgb(69, 59,  
61) }
```

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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