

Converting Colors

CIELCh(26, 6.569, 353.922)

Have a look what the booklet for
CIELCh(26, 6.569, 353.922) contains.

CIELCh(26, 6.769, 351.899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(26, 6.769, 351.899)

Conversions

Conversions Part 1

Format	Color
Hex	473A3F
RGB	71, 58, 63
RGB Percent	28%, 23%, 25%
CMY	0.7210, 0.7720, 0.7524
CMYK	0.00, 0.18, 0.11, 0.72
HSL	337°, 10%, 25%
HSV	337°, 18%, 28%
XYZ	5.0312, 4.7465, 5.3751
YIQ	62.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

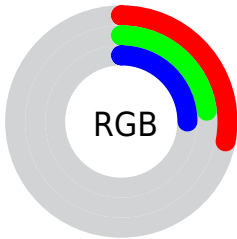
Format	Color
R_{YB}	71, 58, 63
Decimal	4667967
CIE _{Lab}	26.00, 6.70, -0.95
CIE _{LCh}	26, 6.769, 351.899
Yxy	4.7465, 0.3320, 0.3132
Android (android.graphics.Color)	4282858047 (0xFF473A3F)
YUV	62.4570, 0.2677, 7.4922
Hunter-Lab	21.7865, 3.0950, 0.6227

Details

The CIELCh color **26, 6.769, 351.899** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29, 6.542, 168.902**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 7.148, 350.472**, and **6, 6.670, 351.901** is the 20% darker color. If you saturate the color by 10%, you get **24, 10.593, 352.916**, and if you desaturate by 10%, it is **28, 3.022, 350.975**.

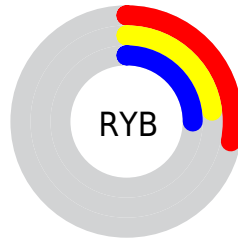
Distribution



 Red (28%)

 Green (23%)

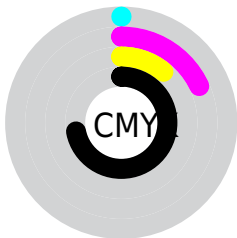
 Blue (25%)



 Red (28%)

 Yellow (23%)

 Blue (25%)

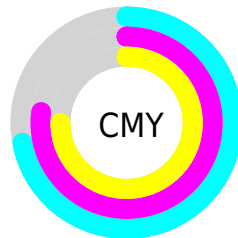


 Cyan (0%)

 Magenta (18%)

 Yellow (11%)

 Black (72%)



 Cyan (72%)

 Magenta (77%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 6.769, 351.899 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, 6.769, 351.899 by changing the saturation by 10% instead.

■ 26, 6.769, 351.899

■ 26, 6.769, 351.899

■ 100, 6.769,
351.899

■ 16, 6.769, 351.899

■ 46, 6.769, 351.899

■ 6, 6.769, 351.899

■ 56, 6.769, 351.899

■ 0, 6.769, 351.899

■ 66, 6.769, 351.899

■ 76, 6.769, 351.899

■ 86, 6.769, 351.899

■ 96, 6.769, 351.899

■ 26, 6.769, 351.899

■ 26, 6.769, 351.899

24, 10.593,
352.916

28, 3.022, 350.975

22, 14.450,
354.067

31, 0.616, 170.595

33, 4.132, 169.576

20, 18.263,
355.401

35, 7.521, 168.892

18, 21.927,
356.977

38, 10.784,
168.277

16, 25.307,
358.876

40, 13.928,
167.712

15, 28.254, 1.200

43, 16.958,
167.189

13, 30.658, 4.043

45, 19.882,
166.703

12, 33.168, 6.708

47, 22.709,
166.251

Harmonies

Complementary

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



26, 6.769, 351.899



29, 6.542, 168.902

Rectangle

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



26, 6.769, 351.899



26, 6.769, 41.899



26, 6.769, 171.899



26, 6.769, 221.899

Sweetspot

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



26, 6.768, 351.903



38, 2.246, 350.677



26, 9.224, 313.172



18, 1.510, 350.709



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, 6.768, 351.903



33, 10.122, 352.352



26, 5.552, 29.061



13, 2.041, 351.004



19, 42.395, 9.761



48, 78.053, 13.957

Inverse Universe

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



26, 6.768, 351.903



33, 10.122, 352.352



29, 4.980, 208.426



13, 2.041, 351.004



19, 42.395, 9.761



48, 78.053, 13.957

Previews

White Background



This preview shows how the CIELCh color 26, 6.769, 351.899 looks on a white background.

Color Contrast Check

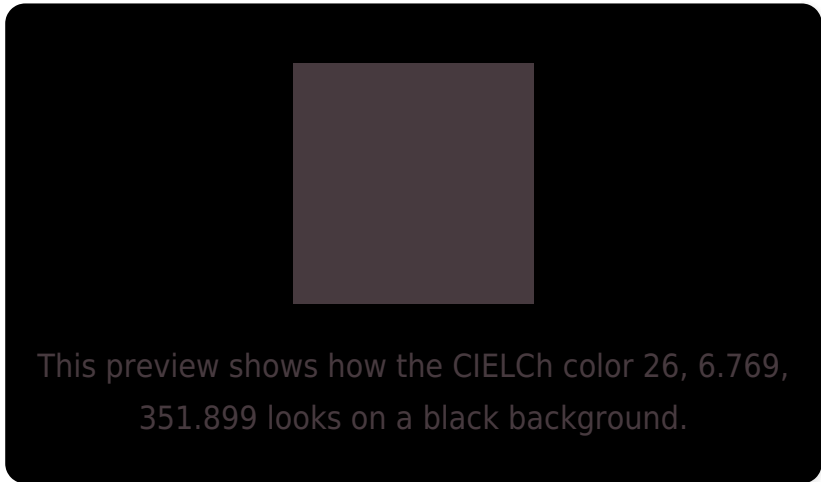
Large Text (above 18pt) WCAG AA ✓ Pass

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

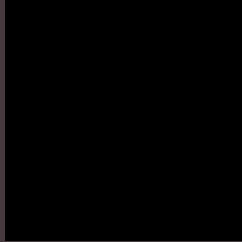
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 6.769, 351.899

Background



This preview shows how black text looks on a background with the CIELCh color 26, 6.769, 351.899.

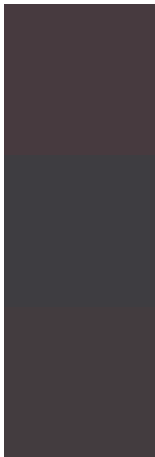


This preview shows how white text looks on a background with the CIELCh color 26, 6.769, 351.899.

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

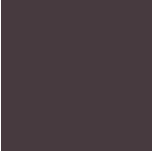
26, 6.769, 351.899

Protanopia

26, 2.667, 300.245

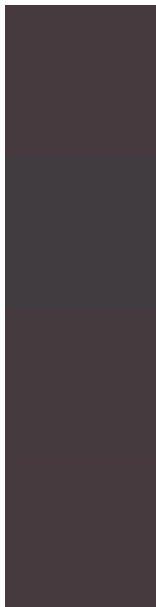
Deuteranopia

26, 3.738, 348.454



Tritanopia
26, 6.769, 351.899

Trichromacy



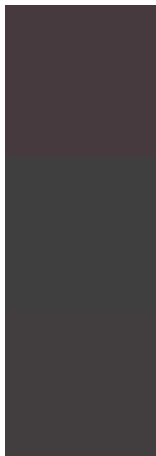
Original Color
26, 6.769, 351.899

Protanomaly
26, 3.467, 330.905

Deuteranomaly
26, 5.251, 350.565

Tritanomaly
26, 6.769, 351.899

Monochromacy



Original Color
26, 6.769, 351.899

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 2.620, 349.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 6.769, 351.899 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(71, 58, 63)` looks like.

```
.text, #text, p{  
    color:rgb(71, 58, 63)  
}
```

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(71, 58, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 58, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 6.769, 351.899 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(71, 58, 63) }
```

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

```
.border{ border-color:rgb(71, 58, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 58, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 58, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 58, 63);  
box-shadow:4px 4px 4px 4px rgb(71, 58, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 6.769, 351.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 58, 63) }
```

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

```
.background{ background-color: rgb(71, 58,  
63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor