

Converting Colors

CIELCh(26, 34.355, 40.532)

Have a look what the booklet for
CIELCh(26, 34.355, 40.532) contains.

CIELCh(26, 34.471, 40.241)	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, 34.471, 40.241)

Conversions

Conversions Part 1

Format	Color
Hex	682B1D
RGB	104, 43, 29
RGB Percent	41%, 17%, 11%
CMY	0.5926, 0.8317, 0.8866
CMYK	0.00, 0.59, 0.72, 0.59
HSL	11°, 56%, 26%
HSV	11°, 72%, 41%
XYZ	6.7783, 4.7465, 1.7162
YIQ	59.6430, 40.8500, 8.5780

Conversions

Conversions Part 2

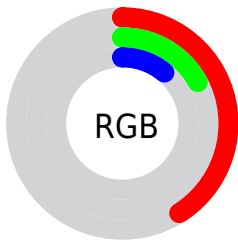
Format	Color
RYB	104, 46, 29
Decimal	6826781
CIELab	26.00, 26.31, 22.27
CIELCh	26, 34.471, 40.241
Yxy	4.7465, 0.5119, 0.3585
Android (android.graphics.Color)	4285016861 (0xFF682B1D)
YUV	59.6430, -15.1070, 38.9011
Hunter-Lab	21.7865, 17.4098, 10.5801

Details

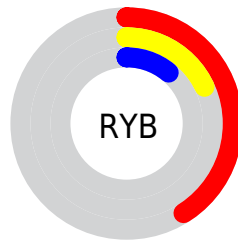
The CIELCh color **26, 34.471, 40.241** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **35, 19.817, 223.760**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 34.307, 40.812**, and **6, 27.105, 21.758** is the 20% darker color. If you saturate the color by 10%, you get **24, 40.231, 41.310**, and if you desaturate by 10%, it is **28, 28.766, 39.335**.

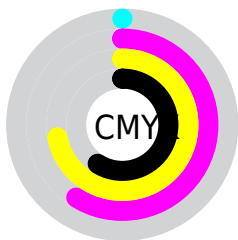
Distribution



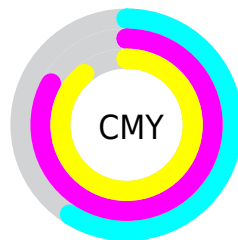
- Red (41%)
- Green (17%)
- Blue (11%)



- Red (41%)
- Yellow (18%)
- Blue (11%)



- Cyan (0%)
- Magenta (59%)
- Yellow (72%)
- Black (59%)



- Cyan (59%)
- Magenta (83%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 34.471, 40.241 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, 34.471, 40.241 by changing the saturation by 10% instead.

 26, 34.471, 40.241

 26, 34.471, 40.241

 100, 34.471,
40.241

 16, 34.471, 40.241

 46, 34.471, 40.241

 6, 34.471, 40.241

 56, 34.471, 40.241

 0, 34.471, 40.241

 66, 34.471, 40.241

 76, 34.471, 40.241

 86, 34.471, 40.241

 96, 34.471, 40.241

 26, 34.471, 40.241

 26, 34.471, 40.241

■ 24, 40.231, 41.310

■ 28, 28.766, 39.335

■ 23, 45.240, 41.686

■ 30, 23.292, 38.648

■ 22, 48.510, 41.829

■ 33, 18.124, 38.178

■ 35, 13.295, 37.896

■ 38, 8.808, 37.765

■ 41, 4.648, 37.736

■ 43, 0.795, 37.485

■ 46, 2.780, 218.209

■ 49, 6.105, 218.372

Harmonies

Complementary

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



26, 34.471, 40.241



35, 19.817, 223.760

Rectangle

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



26, 34.471, 40.241



26, 34.471, 90.241



26, 34.471, 220.241



26, 34.471, 270.241

Sweetspot

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



26, 34.470, 40.244



49, 10.870, 37.768



25, 44.836, 334.484



24, 7.416, 37.784



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



26, 34.470, 40.244



31, 53.438, 42.067



36, 33.146, 83.237



20, 2.087, 37.732



24, 53.043, 42.443



53, 96.495, 42.723

Inverse Universe

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



35, 19.817, 223.760



44, 26.227, 227.699



23, 34.273, 286.697



20, 1.981, 218.224



36, 24.190, 230.963



74, 42.080, 233.344

Previews

White Background



This preview shows how the CIELCh color 26, 34.471, 40.241 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 CIE LCh color 26, 34.471, 40.241 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, 34.471, 40.241

Background



This preview shows how black text looks on a background with the CIELCh color 26, 34.471, 40.241.

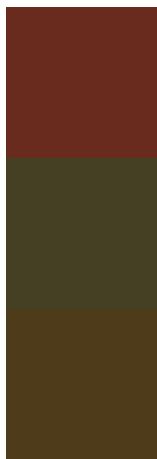


This preview shows how white text looks on a background with the CIELCh color 26, 34.471, 40.241.

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, 34.471, 40.241

Protanopia

27, 18.192, 96.724

Deuteranopia

26, 24.185, 80.681



Tritanopia
26, 31.588, 23.506

Trichromacy



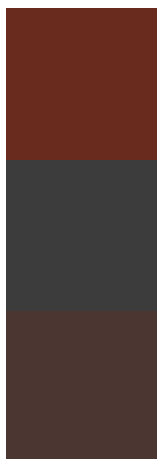
Original Color
26, 34.471, 40.241

Protanomaly
26, 20.734, 65.565

Deuteranomaly
26, 26.115, 61.811

Tritanomaly
26, 32.269, 29.813

Monochromacy



Original Color
26, 34.471, 40.241

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 11.433, 37.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 34.471, 40.241 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(104, 43, 29)` looks like.

```
.text, #text, p{  
    color:rgb(104, 43, 29)  
}
```

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(104, 43, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 43, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 34.471, 40.241 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(104, 43, 29) }
```

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

```
.border{ border-color:rgb(104, 43, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 43, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 43, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 43, 29);  
box-shadow:4px 4px 4px 4px rgb(104, 43,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 34.471, 40.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 43, 29) }
```

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

```
.background{ background-color: rgb(104, 43,  
29) }
```

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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