

Converting Colors

CIELCh(26, 46.822, 353.915)

Have a look what the booklet for
CIELCh(26, 46.822, 353.915)
contains.

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Color

CIELCh(26, 46.655, 353.996)

Conversions

Conversions Part 1

Format	Color
Hex	770F46
RGB	119, 15, 70
RGB Percent	47%, 6%, 27%
CMY	0.5320, 0.9393, 0.7244
CMYK	0.00, 0.87, 0.41, 0.53
HSL	328°, 77%, 26%
HSV	328°, 87%, 47%
XYZ	8.9452, 4.7465, 6.2850
YIQ	52.3660, 44.3290, 39.1530

Conversions

Conversions Part 2

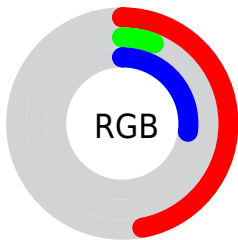
Format	Color
R_{YB}	119, 15, 70
Decimal	7802694
CIE _{Lab}	26.00, 46.40, -4.88
CIE _{LCh}	26, 46.655, 353.996
Yxy	4.7465, 0.4478, 0.2376
Android (android.graphics.Color)	4285992774 (0xFF770F46)
YUV	52.3660, 8.6936, 58.4380
Hunter-Lab	21.7865, 35.1634, -1.8535

Details

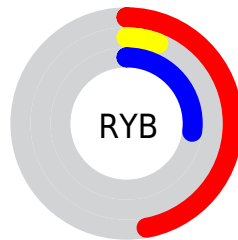
The CIELCh color **26, 46.655, 353.996** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **44, 46.729, 151.286**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 46.547, 354.150**, and **11, 31.734, 3.658** is the 20% darker color. If you saturate the color by 10%, you get **25, 48.330, 356.912**, and if you desaturate by 10%, it is **27, 43.889, 351.566**.

Distribution



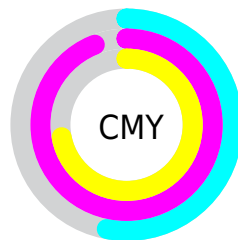
- Red (47%)
- Green (6%)
- Blue (27%)



- Red (47%)
- Yellow (6%)
- Blue (27%)



- Cyan (0%)
- Magenta (87%)
- Yellow (41%)
- Black (53%)





- Cyan (53%)
- Magenta (94%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 46.655, 353.996 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, 46.655, 353.996 by changing the saturation by 10% instead.

 26, 46.655,
353.996

 26, 46.655,
353.996

 100, 46.655,
353.996


 16, 46.655,
353.996


 46, 46.655,
353.996


 6, 46.655, 353.996

 56, 46.655,
353.996

 0, 46.655, 353.996

 66, 46.655,
353.996

 76, 46.655,
353.996

 86, 46.655,
353.996

 96, 46.655,

353.996

■ 26, 46.655,
353.996

■ 26, 46.655,
353.996

■ 25, 48.330,
356.912

■ 27, 43.889,
351.566

■ 25, 48.842,
357.775

■ 29, 39.894,
349.606

■ 32, 34.913,
347.998

■ 35, 29.240,
346.645

■ 38, 23.153,
345.480

■ 41, 16.871,
344.454

■ 44, 10.554,
343.532

■ 48, 4.309, 342.669

■ 51, 1.799, 162.128

Harmonies

Complementary

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



26, 46.655, 353.996



44, 46.729, 151.286

Rectangle

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



26, 46.655, 353.996



26, 46.655, 43.996



26, 46.655, 173.996



26, 46.655, 223.996

Sweetspot

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



26, 46.653, 353.997



53, 20.165, 344.419



19, 65.307, 311.730



26, 13.792, 344.690



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



26, 46.653, 353.997



33, 59.005, 358.827



25, 51.155, 33.147



23, 3.414, 342.842



25, 49.722, 357.886



54, 83.755, 0.229

Inverse Universe

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



26, 46.653, 353.997



33, 59.005, 358.827



45, 28.197, 192.147



23, 3.414, 342.842



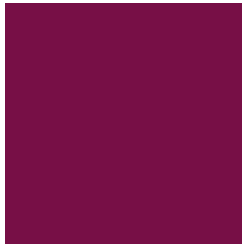
25, 49.722, 357.886



54, 83.755, 0.229

Previews

White Background



This preview shows how the CIE LCh color 26, 46.655, 353.996 looks on a white background.

Color Contrast Check

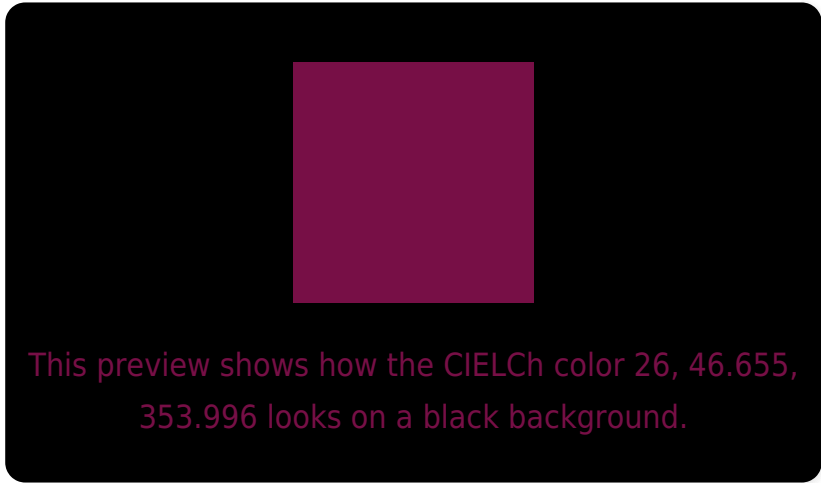
Large Text (above 18pt) WCAG AA ✓ Pass

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

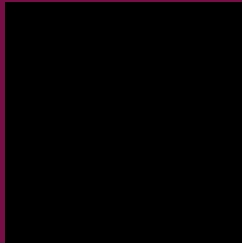
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 46.655, 353.996

Background



This preview shows how black text looks on a background with the CIELCh color 26, 46.655, 353.996.



This preview shows how white text looks on a background with the CIELCh color 26, 46.655, 353.996.

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, 46.655, 353.996

Protanopia

27, 23.568, 284.781

Deuteranopia

27, 3.719, 348.432



Tritanopia
26, 43.028, 29.716

Trichromacy



Original Color
26, 46.655, 353.996

Protanomaly
24, 30.415, 317.543

Deuteranomaly
25, 23.101, 346.796

Tritanomaly
26, 42.538, 15.796

Monochromacy



Original Color
26, 46.655, 353.996

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 21.367, 346.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 46.655, 353.996 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(119, 15, 70)` looks like.

```
.text, #text, p{  
    color:rgb(119, 15, 70)  
}
```

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(119, 15, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 15, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 46.655, 353.996 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(119, 15, 70) }
```

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

```
.border{ border-color:rgb(119, 15, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 15, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 15, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 15, 70);  
box-shadow:4px 4px 4px 4px rgb(119, 15,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 46.655, 353.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 15, 70) }
```

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

```
.background{ background-color: rgb(119, 15,  
70) }
```

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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