

Converting Colors

CIELCh(26, 48.195, 33.022)

Have a look what the booklet for
CIELCh(26, 48.195, 33.022) contains.

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Color

CIELCh(26, 48.088, 33.017)

Conversions

Conversions Part 1

Format	Color
Hex	781918
RGB	120, 25, 24
RGB Percent	47%, 10%, 9%
CMY	0.5297, 0.9022, 0.9061
CMYK	0.00, 0.79, 0.80, 0.53
HSL	1°, 67%, 28%
HSV	1°, 80%, 47%
XYZ	8.2472, 4.7465, 1.3431
YIQ	53.2910, 56.9410, 19.8290

Conversions

Conversions Part 2

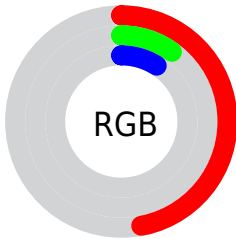
Format	Color
R_{YB}	120, 25, 24
Decimal	7870744
CIE Lab	26.00, 40.32, 26.20
CIE LCh	26, 48.088, 33.017
Yxy	4.7465, 0.5752, 0.3311
Android (android.graphics.Color)	4286060824 (0xFF781918)
YUV	53.2910, -14.4405, 58.5038
Hunter-Lab	21.7865, 29.4443, 11.5954

Details

The CIELCh color **26, 48.088, 33.017** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **45, 26.556, 197.879**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 48.195, 33.022**, and **10, 33.482, 27.273** is the 20% darker color. If you saturate the color by 10%, you get **25, 53.729, 36.100**, and if you desaturate by 10%, it is **28, 41.687, 29.947**.

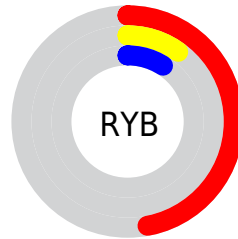
Distribution



Red (47%)

Green (10%)

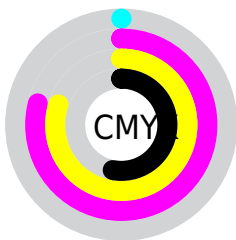
Blue (9%)



Red (47%)

Yellow (10%)

Blue (9%)

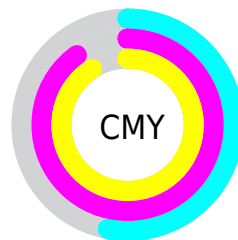


Cyan (0%)

Magenta (79%)

Yellow (80%)

Black (53%)



Cyan (53%)

Magenta (90%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 48.088, 33.017 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, 48.088, 33.017 by changing the saturation by 10% instead.

■ 26, 48.088, 33.017

■ 26, 48.088, 33.017

■ 100, 48.088,
33.017

■ 16, 48.088, 33.017

■ 46, 48.088, 33.017

■ 6, 48.088, 33.017

■ 56, 48.088, 33.017

■ 0, 48.088, 33.017

■ 66, 48.088, 33.017

■ 76, 48.088, 33.017

■ 86, 48.088, 33.017

■ 96, 48.088, 33.017

■ 26, 48.088, 33.017

■ 26, 48.088, 33.017

25, 53.729, 36.100

28, 41.687, 29.947

24, 57.888, 38.021

30, 35.073, 27.376

33, 28.483, 25.329

36, 22.088, 23.736

40, 16.002, 22.503

43, 10.286, 21.545

47, 4.959, 20.772

50, 0.015, 354.606

54, 4.573, 199.912

Harmonies

Complementary

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



26, 48.088, 33.017



45, 26.556, 197.879

Rectangle

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



26, 48.088, 33.017



26, 48.088, 83.017



26, 48.088, 213.017



26, 48.088, 263.017

Sweetspot

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



26, 48.086, 33.019



53, 15.512, 21.953



29, 60.474, 327.936



26, 10.856, 22.239



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, 48.086, 33.019



32, 69.658, 38.695



35, 39.344, 65.486



24, 2.822, 20.704



25, 59.929, 38.385



53, 103.658, 40.073

Inverse Universe

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



45, 26.556, 197.879



58, 33.904, 197.936



30, 32.040, 274.087



25, 2.672, 199.915



47, 29.129, 197.935



90, 48.997, 198.020

Previews

White Background



This preview shows how the CIELCh color 26, 48.088, 33.017 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, 48.088, 33.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

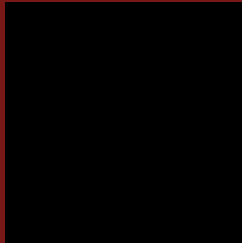
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 48.088, 33.017

Background



This preview shows how black text looks on a background with the CIELCh color 26, 48.088, 33.017.

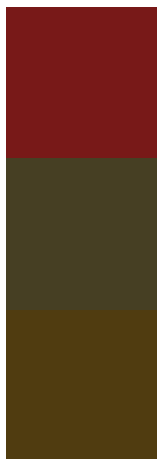


This preview shows how white text looks on a background with the CIELCh color 26, 48.088, 33.017.

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, 48.088, 33.017

Protanopia

27, 18.295, 95.133

Deuteranopia

27, 29.453, 82.826



Tritanopia
26, 47.793, 32.378

Trichromacy



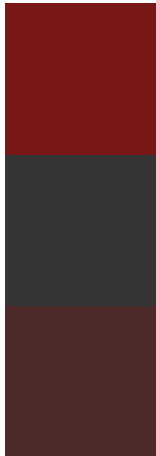
Original Color
26, 48.088, 33.017

Protanomaly
25, 24.649, 50.311

Deuteranomaly
25, 33.238, 54.215

Tritanomaly
26, 47.793, 32.378

Monochromacy



Original Color
26, 48.088, 33.017

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 17.292, 25.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 48.088, 33.017 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(120, 25, 24)` looks like.

```
.text, #text, p{  
    color:rgb(120, 25, 24)  
}
```

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(120, 25, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 25, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 48.088, 33.017 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(120, 25, 24) }
```

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

```
.border{ border-color:rgb(120, 25, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 25, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 25, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 25, 24);  
box-shadow:4px 4px 4px 4px rgb(120, 25,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 48.088, 33.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 25, 24) }
```

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

```
.background{ background-color: rgb(120, 25,  
24) }
```

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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