

Converting Colors

CIELCh(26, 45.873, 47.332)

Have a look what the booklet for
CIELCh(26, 45.873, 47.332) contains.

CIELCh(26, 46.000, 47.694)	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>	25

Color

CIELCh(26, 46.000, 47.694)

Conversions

Conversions Part 1

Format	Color
Hex	6F2608
RGB	111, 38, 8
RGB Percent	44%, 15%, 3%
CMY	0.5659, 0.8520, 0.9698
CMYK	0.00, 0.66, 0.93, 0.57
HSL	17°, 87%, 23%
HSV	17°, 93%, 43%
XYZ	7.2446, 4.7465, 0.7556
YIQ	56.4070, 53.1380, 6.1460

Conversions

Conversions Part 2

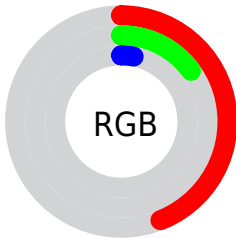
Format	Color
R_{YB}	111, 50, 8
Decimal	7284232
CIE Lab	26.00, 30.96, 34.02
CIE LCh	26, 46.000, 47.694
Yxy	4.7465, 0.5684, 0.3724
Android (android.graphics.Color)	4285474312 (0xFF6F2608)
YUV	56.4070, -23.8647, 47.8781
Hunter-Lab	21.7865, 21.2299, 13.1942

Details

The CIELCh color **26, 46.000, 47.694** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **32, 24.607, 249.259**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 45.985, 47.742**, and **8, 29.788, 23.761** is the 20% darker color. If you saturate the color by 10%, you get **25, 49.236, 47.333**, and if you desaturate by 10%, it is **28, 40.745, 48.106**.

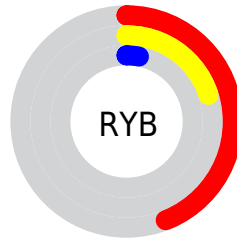
Distribution



Red (44%)

Green (15%)

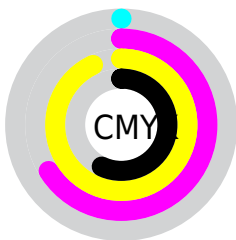
Blue (3%)



Red (44%)

Yellow (20%)

Blue (3%)

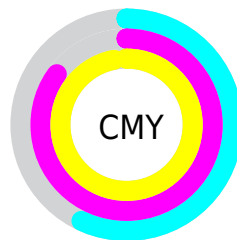


Cyan (0%)

Magenta (66%)

Yellow (93%)

Black (57%)



Cyan (57%)

Magenta (85%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 46.000, 47.694 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, 46.000, 47.694 by changing the saturation by 10% instead.

■ 26, 46.000, 47.694

■ 26, 46.000, 47.694

■ 100, 46.000,
47.694

■ 16, 46.000, 47.694

■ 46, 46.000, 47.694

■ 6, 46.000, 47.694

■ 56, 46.000, 47.694

■ 0, 46.000, 47.694

■ 66, 46.000, 47.694

■ 76, 46.000, 47.694

■ 86, 46.000, 47.694

■ 96, 46.000, 47.694

■ 26, 46.000, 47.694

■ 26, 46.000, 47.694

■ 25, 49.236, 47.333

■ 28, 40.745, 48.106

■ 30, 34.986, 48.126

■ 32, 29.265, 48.143

■ 34, 23.776, 48.252

■ 36, 18.596, 48.476

■ 38, 13.752, 48.809

■ 41, 9.240, 49.233

■ 43, 5.041, 49.714

■ 46, 1.132, 50.055

Harmonies

Complementary

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



26, 46.000, 47.694



32, 24.607, 249.259

Rectangle

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



26, 46.000, 47.694



26, 46.000, 97.694



26, 46.000, 227.694



26, 46.000, 277.694

Sweetspot

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



26, 45.999, 47.697



51, 14.132, 48.982



24, 49.752, 341.817



24, 9.809, 48.849



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



26, 45.999, 47.697



33, 61.090, 47.628



39, 44.135, 88.183



22, 2.167, 49.906



27, 52.792, 47.539



57, 93.428, 46.449

Inverse Universe

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



32, 24.607, 249.259



40, 31.115, 253.408



16, 55.175, 298.798



23, 2.070, 231.227



34, 27.226, 252.474



68, 47.624, 255.548

Previews

White Background



This preview shows how the CIE LCh color 26, 46.000, 47.694 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, 46.000, 47.694 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, 46.000, 47.694

Background



This preview shows how black text looks on a background with the CIELCh color 26, 46.000, 47.694.



This preview shows how white text looks on a background with the CIELCh color 26, 46.000, 47.694.

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, 46.000, 47.694

Protanopia

27, 29.369, 95.769

Tritanopia

26, 37.886, 27.076

Trichromacy



Original Color
26, 46.000, 47.694

Protanomaly
26, 31.830, 71.923

Tritanomaly
26, 40.672, 36.731

Monochromacy



Original Color
26, 46.000, 47.694

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 16.112, 48.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 46.000, 47.694 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(111, 38, 8)` looks like.

```
.text, #text, p{  
    color:rgb(111, 38, 8)  
}
```

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(111, 38, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 38, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 46.000, 47.694 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(111, 38, 8) }
```

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

```
.border{ border-color:rgb(111, 38, 8) }
```

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

Here you see how a box with a 4 pixel rgb(111, 38, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 38, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 38, 8);  
box-shadow:4px 4px 4px 4px rgb(111, 38, 8)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 46.000, 47.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 38, 8) }
```

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

```
.background{ background-color: rgb(111, 38,  
8) }
```

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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