

Converting Colors

CIELCh(26, 48.971, 16.882)

Have a look what the booklet for
CIELCh(26, 48.971, 16.882) contains.

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Color

CIELCh(26, 48.840, 16.553)

Conversions

Conversions Part 1

Format	Color
Hex	7D0A2B
RGB	125, 10, 43
RGB Percent	49%, 4%, 17%
CMY	0.5100, 0.9610, 0.8315
CMYK	0.00, 0.92, 0.66, 0.51
HSL	343°, 85%, 26%
HSV	343°, 92%, 49%
XYZ	8.9945, 4.7465, 2.7247
YIQ	48.1470, 57.9470, 34.6430

Conversions

Conversions Part 2

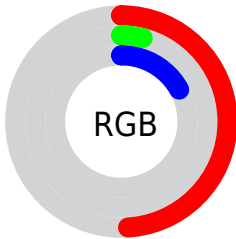
Format	Color
RYB	125, 10, 43
Decimal	8194603
CIELab	26.00, 46.82, 13.91
CIELCh	26, 48.840, 16.553
Yxy	4.7465, 0.5463, 0.2883
Android (android.graphics.Color)	4286384683 (0xFF7D0A2B)
YUV	48.1470, -2.5375, 67.4001
Hunter-Lab	21.7865, 35.5671, 7.8355

Details

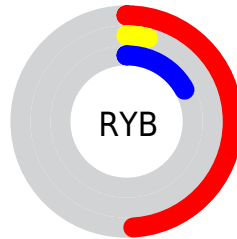
The CIELCh color **26, 48.840, 16.553** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **46, 38.764, 165.140**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 48.749, 16.614**, and **11, 35.778, 29.053** is the 20% darker color. If you saturate the color by 10%, you get **25, 51.447, 20.162**, and if you desaturate by 10%, it is **27, 45.393, 12.197**.

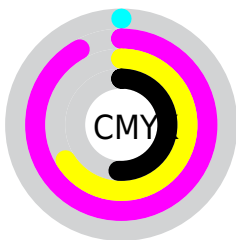
Distribution



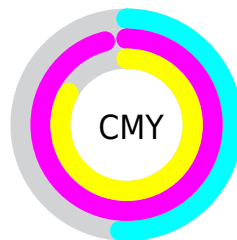
- Red (49%)
- Green (4%)
- Blue (17%)



- Red (49%)
- Yellow (4%)
- Blue (17%)



- Cyan (0%)
- Magenta (92%)
- Yellow (66%)
- Black (51%)



- Cyan (51%)
- Magenta (96%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 48.840, 16.553 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, 48.840, 16.553 by changing the saturation by 10% instead.

 26, 48.840, 16.553

 26, 48.840, 16.553

 100, 48.840,
16.553

 16, 48.840, 16.553

 46, 48.840, 16.553

 6, 48.840, 16.553

 56, 48.840, 16.553

 0, 48.840, 16.553

 66, 48.840, 16.553

 76, 48.840, 16.553

 86, 48.840, 16.553

 96, 48.840, 16.553

 26, 48.840, 16.553

 26, 48.840, 16.553

25, 51.447, 20.162

27, 45.393, 12.197

29, 41.083, 8.670

31, 36.007, 5.859

34, 30.385, 3.612

37, 24.461, 1.792

41, 18.446, 0.290

44, 12.492,
359.023

48, 6.697, 357.922

52, 1.115, 356.730

Harmonies

Complementary

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



26, 48.840, 16.553



46, 38.764, 165.140

Rectangle

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



26, 48.840, 16.553



26, 48.840, 66.553



26, 48.840, 196.553



26, 48.840, 246.553

Sweetspot

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



26, 48.838, 16.555



54, 19.957, 359.841



23, 67.733, 317.949



26, 13.778, 0.321



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



26, 48.838, 16.555



34, 62.986, 21.674



28, 52.737, 42.986



25, 3.168, 357.618



26, 52.231, 20.289



0, 0.000, 0.000

Inverse Universe

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



26, 48.838, 16.555



34, 62.986, 21.674



40, 25.179, 231.621



25, 3.168, 357.618



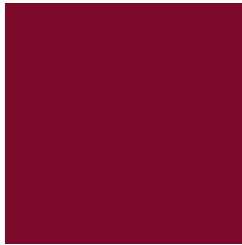
26, 52.231, 20.289



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 26, 48.840, 16.553 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, 48.840, 16.553 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, 48.840, 16.553

Background



This preview shows how black text looks on a background with the CIELCh color 26, 48.840, 16.553.



This preview shows how white text looks on a background with the CIELCh color 26, 48.840, 16.553.

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, 48.840, 16.553

Protanopia

27, 1.105, 55.181

Deuteranopia

27, 17.982, 77.715



Tritanopia
26, 52.790, 34.897

Trichromacy



Original Color
26, 48.840, 16.553

Protanomaly
24, 21.361, 3.306

Deuteranomaly
24, 27.366, 29.419

Tritanomaly
26, 50.714, 28.874

Monochromacy



Original Color
26, 48.840, 16.553

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 21.398, 3.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 48.840, 16.553 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(125, 10, 43)` looks like.

```
.text, #text, p{  
    color:rgb(125, 10, 43)  
}
```

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(125, 10, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 10, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 48.840, 16.553 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(125, 10, 43) }
```

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

```
.border{ border-color:rgb(125, 10, 43) }
```

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

Here you see how a box with a 4 pixel rgb(125, 10, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 10, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 10, 43);  
box-shadow:4px 4px 4px 4px rgb(125, 10,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 48.840, 16.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 10, 43) }
```

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

```
.background{ background-color: rgb(125, 10,  
43) }
```

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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