

Converting Colors

CIELCh(26, 50.086, 8.128)

Have a look what the booklet for
CIELCh(26, 50.086, 8.128) contains.

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Color

CIELCh(26, 49.912, 8.001)

Conversions

Conversions Part 1

Format	Color
Hex	7E0135
RGB	126, 1, 53
RGB Percent	49%, 0%, 21%
CMY	0.5048, 0.9943, 0.7913
CMYK	0.00, 0.99, 0.58, 0.50
HSL	335°, 98%, 25%
HSV	335°, 99%, 50%
XYZ	9.3072, 4.7465, 3.8188
YIQ	44.3030, 57.8080, 42.6720

Conversions

Conversions Part 2

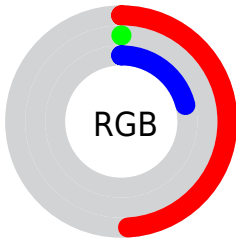
Format	Color
RYB	126, 1, 53
Decimal	8257845
CIELab	26.00, 49.43, 6.95
CIELCh	26, 49.912, 8.001
Yxy	4.7465, 0.5208, 0.2656
Android (android.graphics.Color)	4286447925 (0xFF7E0135)
YUV	44.3030, 4.2876, 71.6483
Hunter-Lab	21.7865, 38.1289, 4.8580

Details

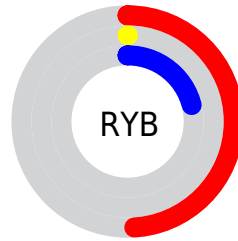
The CIELCh color **26, 49.912, 8.001** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **46, 47.129, 154.900**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **46, 49.931, 8.211**, and **12, 35.559, 25.090** is the 20% darker color. If you saturate the color by 10%, you get **26, 50.179, 8.447**, and if you desaturate by 10%, it is **27, 47.760, 4.040**.

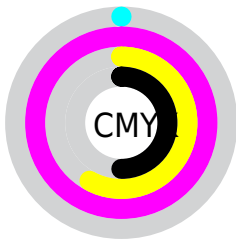
Distribution



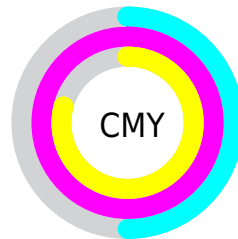
- Red (49%)
- Green (0%)
- Blue (21%)



- Red (49%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (99%)
- Yellow (58%)
- Black (50%)



- Cyan (50%)
- Magenta (99%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 49.912, 8.001 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, 49.912, 8.001 by changing the saturation by 10% instead.

 26, 49.912, 8.001  26, 49.912, 8.001

 100, 49.912, 8.001  16, 49.912, 8.001

 46, 49.912, 8.001  6, 49.912, 8.001

 56, 49.912, 8.001  0, 49.912, 8.001

 66, 49.912, 8.001

 76, 49.912, 8.001

 86, 49.912, 8.001

 96, 49.912, 8.001

 26, 49.912, 8.001  26, 49.912, 8.001

 26, 50.179, 8.447  27, 47.760, 4.040

■ 28, 44.821, 0.641

■ 31, 40.736,
357.938

■ 33, 35.704,
355.775

■ 36, 30.007,
354.013

■ 39, 23.922,
352.546

■ 42, 17.676,
351.297

■ 46, 11.431,
350.207

■ 50, 5.293, 349.224

Harmonies

Complementary

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



26, 49.912, 8.001



46, 47.129, 154.900

Rectangle

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



26, 49.912, 8.001



26, 49.912, 58.001



26, 49.912, 188.001



26, 49.912, 238.001

Sweetspot

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



26, 49.909, 8.003



54, 22.706, 351.514



20, 72.122, 314.340



26, 15.444, 351.934



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, 49.909, 8.003



34, 60.561, 9.724



26, 58.967, 39.718



25, 3.401, 349.249



26, 50.532, 8.501



0, 0.000, 0.000

Inverse Universe

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



26, 49.909, 8.003



34, 60.561, 9.724



44, 26.892, 210.259



25, 3.401, 349.249



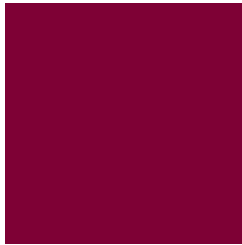
26, 50.532, 8.501



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 26, 49.912, 8.001 looks on a white background.

Color Contrast Check

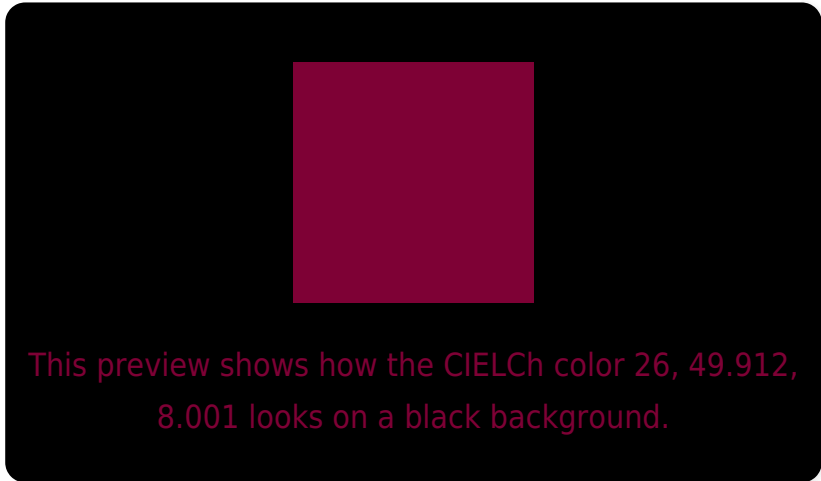
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.912, 8.001

Background



This preview shows how black text looks on a background with the CIELCh color 26, 49.912, 8.001.



This preview shows how white text looks on a background with the CIELCh color 26, 49.912, 8.001.

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, 49.912, 8.001

Protanopia

28, 7.856, 282.652

Deuteranopia

27, 11.827, 69.398



Tritanopia
27, 52.244, 34.427

Trichromacy



Original Color
26, 49.912, 8.001

Protanomaly
24, 24.845, 342.546

Deuteranomaly
24, 26.777, 12.486

Tritanomaly
26, 50.203, 25.267

Monochromacy



Original Color
26, 49.912, 8.001

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 24.255, 355.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 49.912, 8.001 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(126, 1, 53)` looks like.

```
.text, #text, p{  
    color:rgb(126, 1, 53)  
}
```

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(126, 1, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 1, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 49.912, 8.001 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(126, 1, 53) }
```

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

```
.border{ border-color:rgb(126, 1, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 1, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 1, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 1, 53);  
box-shadow:4px 4px 4px 4px rgb(126, 1, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 49.912, 8.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 1, 53) }
```

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

```
.background{ background-color: rgb(126, 1,  
53) }
```

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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