

Converting Colors

CIELCh(26, 49.189, 336.466)

Have a look what the booklet for
CIELCh(26, 49.189, 336.466)
contains.

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Color

CIELCh(26, 49.277, 336.533)

Conversions

Conversions Part 1

Format	Color
Hex	6F165C
RGB	111, 22, 92
RGB Percent	44%, 9%, 36%
CMY	0.5641, 0.9129, 0.6386
CMYK	0.00, 0.80, 0.17, 0.56
HSL	313°, 67%, 26%
HSV	313°, 80%, 44%
XYZ	8.8047, 4.7465, 10.6110
YIQ	56.5910, 30.5740, 40.6380

Conversions

Conversions Part 2

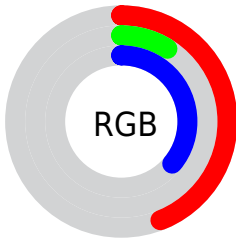
Format	Color
R _Y B	111, 22, 92
Decimal	7280220
CIE Lab	26.00, 45.20, -19.62
CIE LCh	26, 49.277, 336.533
Yxy	4.7465, 0.3644, 0.1964
Android (android.graphics.Color)	4285470300 (0xFF6F165C)
YUV	56.5910, 17.4566, 47.7167
Hunter-Lab	21.7865, 34.0116, -13.6264

Details

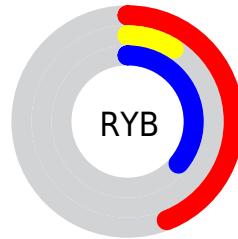
The CIELCh color **26, 49.277, 336.533** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41, 51.493, 142.706**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 49.184, 336.565**, and **10, 35.087, 337.645** is the 20% darker color. If you saturate the color by 10%, you get **25, 51.782, 337.450**, and if you desaturate by 10%, it is **28, 45.397, 335.707**.

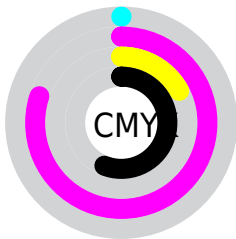
Distribution



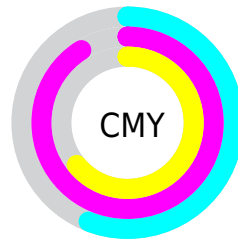
- Red (44%)
- Green (9%)
- Blue (36%)



- Red (44%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (17%)
- Black (56%)





- Cyan (56%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 49.277, 336.533 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, 49.277, 336.533 by changing the saturation by 10% instead.

 26, 49.277,
336.533

 26, 49.277,
336.533

 100, 49.277,
336.533


 16, 49.277,
336.533


 46, 49.277,
336.533


 6, 49.277, 336.533

 56, 49.277,
336.533

 0, 49.277, 336.533

 66, 49.277,
336.533

 76, 49.277,
336.533

 86, 49.277,
336.533

 96, 49.277,

336.533

■ 26, 49.277,
336.533

■ 26, 49.277,
336.533

■ 25, 51.782,
337.450

■ 28, 45.397,
335.707

■ 24, 53.497,
338.413

■ 30, 40.358,
334.942

■ 32, 34.440,
334.219

■ 35, 27.926,
333.527

■ 37, 21.061,
332.859

■ 41, 14.038,
332.213

■ 44, 6.995, 331.581

■ 47, 0.026, 323.118

■ 50, 6.810, 150.479

Harmonies

Complementary

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



26, 49.277, 336.533



41, 51.493, 142.706

Rectangle

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



26, 49.277, 336.533



26, 49.277, 26.533



26, 49.277, 156.533



26, 49.277, 206.533

Sweetspot

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



26, 49.275, 336.533



51, 20.978, 332.509



16, 59.334, 305.902



25, 14.525, 332.691



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



26, 49.275, 336.533



33, 64.114, 338.328



24, 40.603, 9.997



22, 3.950, 331.516



26, 56.378, 338.516



56, 95.458, 339.249

Inverse Universe

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



26, 49.275, 336.533



33, 64.114, 338.328



42, 33.124, 166.527



22, 3.950, 331.516



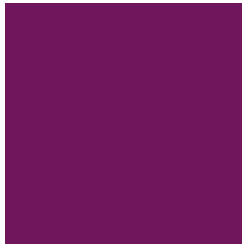
26, 56.378, 338.516



56, 95.458, 339.249

Previews

White Background



This preview shows how the CIE LCh color 26, 49.277, 336.533 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, 49.277, 336.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

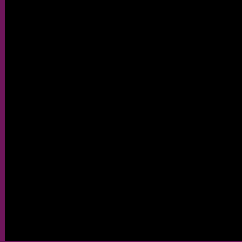
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 49.277, 336.533

Background



This preview shows how black text looks on a background with the CIELCh color 26, 49.277, 336.533.



This preview shows how white text looks on a background with the CIELCh color 26, 49.277, 336.533.

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, 49.277, 336.533

Protanopia

27, 41.173, 286.372

Deuteranopia

27, 15.763, 283.632



Tritanopia
26, 32.711, 24.903

Trichromacy



Original Color
26, 49.277, 336.533

Protanomaly
24, 42.929, 301.795

Deuteranomaly
25, 28.946, 316.999

Tritanomaly
26, 35.710, 1.763

Monochromacy



Original Color
26, 49.277, 336.533

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 22.081, 333.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 49.277, 336.533 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, 22, 92)` looks like.

```
.text, #text, p{  
    color:rgb(111, 22, 92)  
}
```

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, 22, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 22, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 49.277, 336.533 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, 22, 92) }
```

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

```
.border{ border-color:rgb(111, 22, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 22, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 22, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 22, 92);  
box-shadow:4px 4px 4px 4px rgb(111, 22,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 49.277, 336.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 22, 92) }
```

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

```
.background{ background-color: rgb(111, 22,  
92) }
```

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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