

Converting Colors

CIELCh(15, 108.715, 326.108)

Have a look what the booklet for
CIELCh(15, 108.715, 326.108)
contains.

CIELCh(26, 70.253, 322.166)	3
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Color

CIELCh(26, 70.253, 322.166)

Conversions

Conversions Part 1

Format	Color
Hex	6C0180
RGB	108, 1, 128
RGB Percent	42%, 0%, 50%
CMY	0.5784, 0.9966, 0.4962
CMYK	0.16, 0.99, 0.00, 0.50
HSL	290°, 99%, 25%
HSV	290°, 99%, 50%
XYZ	10.0607, 4.7465, 20.9737
YIQ	47.4710, 23.0050, 62.1810

Conversions

Conversions Part 2

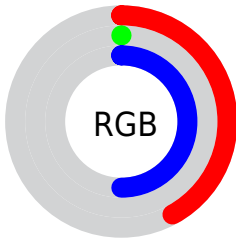
Format	Color
R_{YB}	108, 1, 128
Decimal	7078272
CIE _{Lab}	26.00, 55.49, -43.09
CIE _{LCh}	26, 70.253, 322.166
Yxy	4.7465, 0.2812, 0.1327
Android (android.graphics.Color)	4285268352 (0xFF6C0180)
YUV	47.4710, 39.7008, 53.0839
Hunter-Lab	21.7865, 44.3030, -41.8277

Details

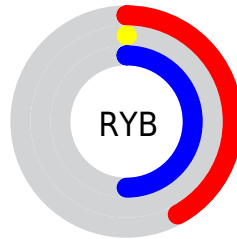
The CIELCh color **26, 70.253, 322.166** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **47, 70.643, 134.796**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 70.219, 322.289**, and **12, 50.481, 318.365** is the 20% darker color. If you saturate the color by 10%, you get **26, 70.446, 322.152**, and if you desaturate by 10%, it is **27, 67.395, 322.400**.

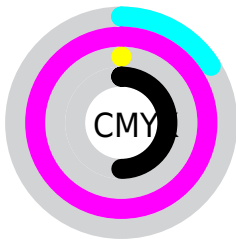
Distribution



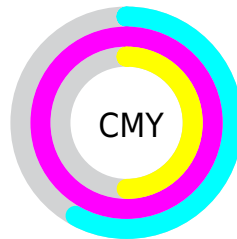
- Red (42%)
- Green (0%)
- Blue (50%)



- Red (42%)
- Yellow (0%)
- Blue (50%)



- Cyan (16%)
- Magenta (99%)
- Yellow (0%)
- Black (50%)





- Cyan (58%)
- Magenta (100%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 70.253, 322.166 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, 70.253, 322.166 by changing the saturation by 10% instead.

 26, 70.253,
322.166


 26, 70.253,
322.166

 100, 70.253,
322.166


 16, 70.253,
322.166


 46, 70.253,
322.166


 6, 70.253, 322.166

 56, 70.253,
322.166

 0, 70.253, 322.166

 66, 70.253,
322.166

 76, 70.253,
322.166

 86, 70.253,
322.166

 96, 70.253,

322.166

■ 26, 70.253,
322.166

■ 26, 70.253,
322.166

■ 26, 70.446,
322.152

■ 27, 67.395,
322.400

■ 29, 63.306,
322.507

■ 31, 57.634,
322.443

■ 33, 50.692,
322.241

■ 36, 42.843,
321.937

■ 40, 34.422,
321.562

■ 43, 25.700,
321.145

■ 47, 16.877,
320.705

■ 50, 8.091, 320.253

Harmonies

Complementary

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



26, 70.253, 322.166



47, 70.643, 134.796

Rectangle

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



26, 70.253, 322.166



26, 70.253, 12.166



26, 70.253, 142.166



26, 70.253, 192.166

Sweetspot

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



26, 70.252, 322.166



55, 32.376, 321.203



16, 70.598, 302.577



27, 22.261, 321.353



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



26, 70.252, 322.166



34, 84.874, 322.021



28, 54.635, 346.519



25, 4.855, 320.242



26, 70.057, 322.156



0, 0.000, 0.000

Inverse Universe

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



26, 55.975, 29.969



34, 68.615, 31.539



47, 61.028, 143.009



25, 3.018, 6.721



26, 55.955, 30.190



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 26, 70.253, 322.166 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 CIELCh color 26, 70.253, 322.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

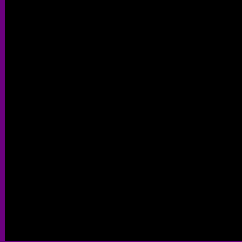
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 70.253, 322.166

Background



This preview shows how black text looks on a background with the CIELCh color 26, 70.253, 322.166.



This preview shows how white text looks on a background with the CIELCh color 26, 70.253, 322.166.

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, 69.972, 322.413

Protanopia

27, 45.045, 284.884

Deuteranopia

27, 33.864, 274.201



Tritanopia
27, 22.730, 17.898

Trichromacy



Original Color
26, 69.972, 322.413

Protanomaly
22, 59.669, 300.981

Deuteranomaly
22, 52.300, 299.475

Tritanomaly
25, 39.353, 339.102

Monochromacy



Original Color
26, 69.972, 322.413

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 34.305, 322.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 70.253, 322.166 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(108, 1, 128)` looks like.

```
.text, #text, p{  
    color:rgb(108, 1, 128)  
}
```

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(108, 1, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 1, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 70.253, 322.166 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(108, 1, 128) }
```

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

```
.border{ border-color:rgb(108, 1, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 1, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 1, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 1, 128);  
box-shadow:4px 4px 4px 4px rgb(108, 1,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 70.253, 322.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 1, 128) }
```

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

```
.background{ background-color: rgb(108, 1,  
128) }
```

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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