

Converting Colors

CIELCh(27, 72.100, 322.038)

Have a look what the booklet for
CIELCh(27, 72.100, 322.038)
contains.

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Color

CIELCh(27, 72.037, 322.069)

Conversions

Conversions Part 1

Format	Color
Hex	6F0185
RGB	111, 1, 133
RGB Percent	44%, 0%, 52%
CMY	0.5647, 0.9961, 0.4785
CMYK	0.17, 0.99, 0.00, 0.48
HSL	290°, 99%, 26%
HSV	290°, 99%, 52%
XYZ	10.7984, 5.0937, 22.6019
YIQ	48.9380, 23.1880, 64.3720

Conversions

Conversions Part 2

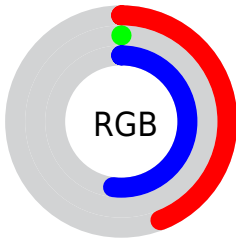
Format	Color
RYB	111, 1, 133
Decimal	7274885
CIELab	27.00, 56.82, -44.28
CIELCh	27, 72.037, 322.069
Yxy	5.0937, 0.2805, 0.1323
Android (android.graphics.Color)	4285464965 (0xFF6F0185)
YUV	48.9380, 41.4426, 54.4284
Hunter-Lab	22.5692, 45.9084, -43.5775

Details

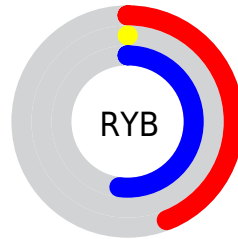
The CIELCh color **27, 72.037, 322.069** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **48, 72.414, 134.800**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 72.135, 321.947**, and **12, 52.333, 318.000** is the 20% darker color. If you saturate the color by 10%, you get **27, 72.251, 322.052**, and if you desaturate by 10%, it is **28, 69.181, 322.319**.

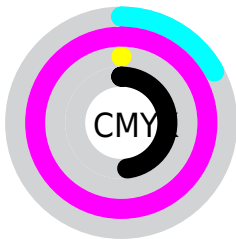
Distribution



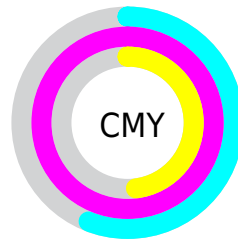
- Red (44%)
- Green (0%)
- Blue (52%)



- Red (44%)
- Yellow (0%)
- Blue (52%)



- Cyan (17%)
- Magenta (99%)
- Yellow (0%)
- Black (48%)




- Cyan (56%)
- Magenta (100%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 72.037, 322.069 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 27, 72.037, 322.069 by changing the saturation by 10% instead.

 27, 72.037,
322.069

 27, 72.037,
322.069

 100, 72.037,
322.069


 17, 72.037,
322.069


 47, 72.037,
322.069

 7, 72.037, 322.069

 57, 72.037,
322.069

 0, 72.037, 322.069

 67, 72.037,
322.069

 77, 72.037,
322.069

 87, 72.037,
322.069

 97, 72.037,

322.069

■ 27, 72.037,
322.069

■ 27, 72.037,
322.069

■ 27, 72.251,
322.052

■ 28, 69.181,
322.319

■ 30, 65.001,
322.433

■ 32, 59.183,
322.373

■ 35, 52.051,
322.173

■ 38, 43.981,
321.869

■ 41, 35.321,
321.495

■ 45, 26.351,
321.076

■ 48, 17.279,
320.635

■ 52, 8.247, 320.183

Harmonies

Complementary

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



27, 72.037, 322.069



48, 72.414, 134.800

Rectangle

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



27, 72.037, 322.069



27, 72.037, 12.069



27, 72.037, 142.069



27, 72.037, 192.069

Sweetspot

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



27, 72.036, 322.069



57, 33.571, 321.138



17, 71.271, 302.113



27, 22.806, 321.289



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



27, 72.036, 322.069



36, 87.784, 321.919



29, 56.533, 345.364



26, 5.014, 320.177



26, 71.088, 322.065



0, 1.192, 319.796

Inverse Universe

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



27, 57.375, 29.967



36, 70.969, 31.580



48, 63.450, 142.386



26, 3.121, 6.550



26, 56.736, 30.143



0, 0.730, 5.822

Previews

White Background



This preview shows how the CIELCh color 27, 72.037, 322.069 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 27, 72.037, 322.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

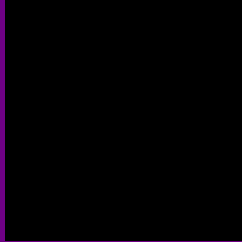
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 72.037, 322.069

Background



This preview shows how black text looks on a background with the CIELCh color 27, 72.037, 322.069.



This preview shows how white text looks on a background with the CIELCh color 27, 72.037, 322.069.

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

27, 72.037, 322.069

Protanopia

28, 46.102, 284.959

Deuteranopia

28, 34.958, 274.688



Tritanopia
28, 23.558, 18.216

Trichromacy



Original Color
27, 72.037, 322.069

Protanomaly
23, 60.655, 300.736

Deuteranomaly
23, 53.313, 299.216

Tritanomaly
26, 40.645, 339.251

Monochromacy



Original Color
27, 72.037, 322.069

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 34.866, 322.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 72.037, 322.069 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, 1, 133)` looks like.

```
.text, #text, p{  
    color:rgb(111, 1, 133)  
}
```

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, 1, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 1, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 72.037, 322.069 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, 1, 133) }
```

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

```
.border{ border-color:rgb(111, 1, 133) }
```

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

Here you see how a box with a 4 pixel rgb(111, 1, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 1, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 1, 133);  
box-shadow:4px 4px 4px 4px rgb(111, 1,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 72.037, 322.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 1, 133) }
```

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

```
.background{ background-color: rgb(111, 1,  
133) }
```

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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