

Converting Colors

CIELCh(27, 59.882, 327.874)

Have a look what the booklet for
CIELCh(27, 59.882, 327.874)
contains.

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Color

CIELCh(27, 59.822, 328.038)

Conversions

Conversions Part 1

Format	Color
Hex	711071
RGB	113, 16, 113
RGB Percent	44%, 6%, 44%
CMY	0.5563, 0.9363, 0.5563
CMYK	0.00, 0.86, 0.00, 0.56
HSL	300°, 75%, 25%
HSV	300°, 86%, 44%
XYZ	10.0070, 5.0937, 16.1209
YIQ	56.0610, 26.6750, 50.7310

Conversions

Conversions Part 2

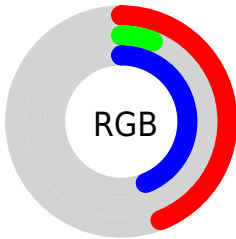
Format	Color
R _Y B	113, 16, 113
Decimal	7409777
CIE Lab	27.00, 50.75, -31.67
CIE LCh	27, 59.822, 328.038
Yxy	5.0937, 0.3205, 0.1631
Android (android.graphics.Color)	4285599857 (0xFF711071)
YUV	56.0610, 28.0709, 49.9355
Hunter-Lab	22.5692, 39.6495, -26.5518

Details

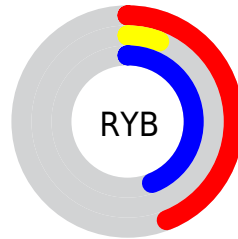
The CIELCh color **27, 59.822, 328.038** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41, 61.430, 137.004**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 59.896, 328.217**, and **12, 43.021, 326.607** is the 20% darker color. If you saturate the color by 10%, you get **26, 62.406, 328.179**, and if you desaturate by 10%, it is **28, 55.933, 327.824**.

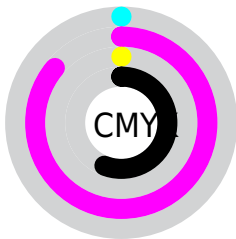
Distribution



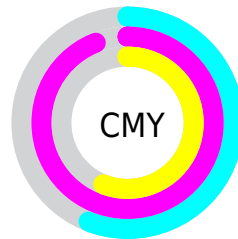
- Red (44%)
- Green (6%)
- Blue (44%)



- Red (44%)
- Yellow (6%)
- Blue (44%)



- Cyan (0%)
- Magenta (86%)
- Yellow (0%)
- Black (56%)





- Cyan (56%)
- Magenta (94%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 59.822, 328.038 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, 59.822, 328.038 by changing the saturation by 10% instead.

 27, 59.822,
328.038


 27, 59.822,
328.038

 100, 59.822,
328.038


 17, 59.822,
328.038

 47, 59.822,
328.038


 7, 59.822, 328.038

 57, 59.822,
328.038

 0, 59.822, 328.038

 67, 59.822,
328.038

 77, 59.822,
328.038

 87, 59.822,
328.038

 97, 59.822,

328.038

■ 27, 59.822,
328.038

■ 27, 59.822,
328.038

■ 26, 62.406,
328.179

■ 28, 55.933,
327.824

■ 26, 63.460,
328.236

■ 30, 50.686,
327.528

■ 32, 44.305,
327.161

■ 34, 37.073,
326.735

■ 37, 29.272,
326.265

■ 40, 21.145,
325.764

■ 43, 12.883,
325.244

■ 46, 4.629, 324.701

■ 49, 3.520, 144.271

Harmonies

Complementary

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



27, 59.822, 328.038



41, 61.430, 137.004

Rectangle

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



27, 59.822, 328.038



27, 59.822, 18.038



27, 59.822, 148.038



27, 59.822, 198.038

Sweetspot

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



27, 59.820, 328.038



51, 26.689, 325.817



14, 65.043, 304.115



25, 17.965, 325.949



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



27, 59.820, 328.038



35, 76.988, 328.236



25, 44.069, 355.627



22, 4.583, 324.888



28, 66.120, 328.236



59, 112.923, 328.236

Inverse Universe

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



27, 59.820, 328.038



35, 76.988, 328.236



42, 43.161, 153.019



22, 4.583, 324.888



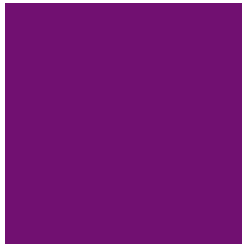
28, 66.120, 328.236



59, 112.923, 328.236

Previews

White Background



This preview shows how the CIE LCh color 27, 59.822, 328.038 looks on a white background.

Color Contrast Check

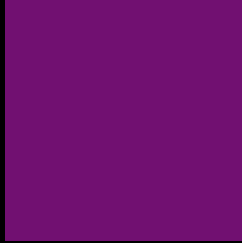
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.822, 328.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

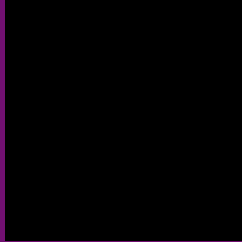
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 59.822, 328.038

Background



This preview shows how black text looks on a background with the CIELCh color 27, 59.822, 328.038.



This preview shows how white text looks on a background with the CIELCh color 27, 59.822, 328.038.

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, 59.822, 328.038

Protanopia

28, 46.169, 285.283

Deuteranopia

28, 27.128, 279.030



Tritanopia
27, 29.308, 22.275

Trichromacy



Original Color
27, 59.822, 328.038

Protanomaly
24, 52.412, 298.359

Deuteranomaly
25, 40.417, 306.194

Tritanomaly
27, 37.008, 351.468

Monochromacy



Original Color
27, 59.822, 328.038

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 26.951, 326.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 59.822, 328.038 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(113, 16, 113)` looks like.

```
.text, #text, p{  
    color:rgb(113, 16, 113)  
}
```

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(113, 16, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 16, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 59.822, 328.038 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(113, 16, 113) }
```

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

```
.border{ border-color:rgb(113, 16, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 16, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 16, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 16, 113); box-shadow:4px 4px 4px 4px rgb(113, 16, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 59.822, 328.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 16, 113) }
```

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

```
.background{ background-color: rgb(113, 16,  
113) }
```

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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