

Converting Colors

CIELCh(28, 69.363, 325.868)

Have a look what the booklet for
CIELCh(28, 69.363, 325.868)
contains.

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Color

CIELCh(28, 69.170, 325.844)

Conversions

Conversions Part 1

Format	Color
Hex	77007F
RGB	119, 0, 127
RGB Percent	47%, 0%, 50%
CMY	0.5332, 0.9998, 0.5019
CMYK	0.06, 1.00, 0.00, 0.50
HSL	296°, 100%, 25%
HSV	296°, 100%, 50%
XYZ	11.4436, 5.4574, 20.5367
YIQ	50.0590, 30.1570, 64.7250

Conversions

Conversions Part 2

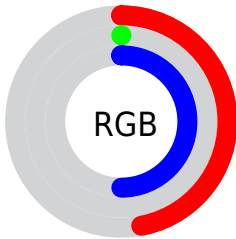
Format	Color
R_{YB}	119, 0, 127
Decimal	7798911
CIE _{Lab}	28.00, 57.24, -38.84
CIE _{LCh}	28, 69.170, 325.844
Yxy	5.4574, 0.3057, 0.1458
Android (android.graphics.Color)	4285988991 (0xFF77007F)
YUV	50.0590, 37.9319, 60.4613
Hunter-Lab	23.3610, 46.5576, -35.7692

Details

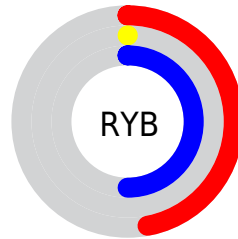
The CIELCh color **28, 69.170, 325.844** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **46, 71.045, 135.610**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 69.060, 326.044**, and **14, 49.112, 322.796** is the 20% darker color. If you saturate the color by 10%, you get **28, 69.179, 325.844**, and if you desaturate by 10%, it is **29, 66.674, 325.880**.

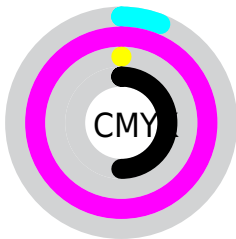
Distribution



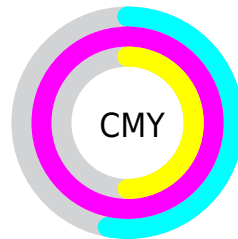
- Red (47%)
- Green (0%)
- Blue (50%)



- Red (47%)
- Yellow (0%)
- Blue (50%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (100%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 69.170, 325.844 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 28, 69.170, 325.844 by changing the saturation by 10% instead.

 28, 69.170,
325.844

 28, 69.170,
325.844

 100, 69.170,
325.844

 18, 69.170,
325.844


 48, 69.170,
325.844

 8, 69.170, 325.844

 58, 69.170,
325.844

 0, 69.170, 325.844

 68, 69.170,
325.844

 78, 69.170,
325.844

 88, 69.170,
325.844

 98, 69.170,

325.844

■ 28, 69.170,
325.844

■ 28, 69.170,
325.844

■ 28, 69.179,
325.844

■ 29, 66.674,
325.880

■ 30, 63.070,
325.836

■ 32, 57.871,
325.673

■ 34, 51.312,
325.406

■ 37, 43.713,
325.055

■ 40, 35.405,
324.641

■ 43, 26.678,
324.186

■ 46, 17.760,
323.704

■ 50, 8.819, 323.207

Harmonies

Complementary

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



28, 69.170, 325.844



46, 71.045, 135.610

Rectangle

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



28, 69.170, 325.844



28, 69.170, 15.844



28, 69.170, 145.844



28, 69.170, 195.844

Sweetspot

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



28, 69.169, 325.844



55, 33.202, 324.221



14, 76.310, 305.037



27, 22.802, 324.386



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



28, 69.169, 325.844



37, 84.006, 325.788



27, 51.698, 354.619



25, 5.003, 323.164



28, 69.366, 325.843



0, 0.000, 0.000

Inverse Universe

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



25, 59.075, 35.777



34, 73.035, 37.223



46, 55.766, 146.819



25, 2.958, 14.769



25, 59.274, 35.815



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 28, 69.170, 325.844 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 28, 69.170, 325.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

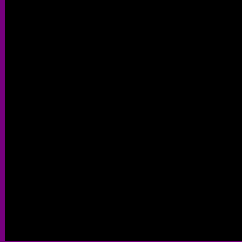
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 69.170, 325.844

Background



This preview shows how black text looks on a background with the CIELCh color 28, 69.170, 325.844.



This preview shows how white text looks on a background with the CIELCh color 28, 69.170, 325.844.

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

28, 69.170, 325.844

Protanopia

29, 48.332, 285.712

Deuteranopia

29, 32.321, 277.538



Tritanopia
29, 29.011, 21.876

Trichromacy



Original Color
28, 69.170, 325.844

Protanomaly
24, 61.073, 301.032

Deuteranomaly
25, 50.345, 304.877

Tritanomaly
27, 41.475, 346.205

Monochromacy



Original Color
28, 69.170, 325.844

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 34.123, 325.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 69.170, 325.844 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(119, 0, 127)` looks like.

```
.text, #text, p{  
    color:rgb(119, 0, 127)  
}
```

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(119, 0, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 0, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 69.170, 325.844 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(119, 0, 127) }
```

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

```
.border{ border-color:rgb(119, 0, 127) }
```

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

Here you see how a box with a 4 pixel rgb(119, 0, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 0, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 0, 127);  
box-shadow:4px 4px 4px 4px rgb(119, 0,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 69.170, 325.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 0, 127) }
```

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

```
.background{ background-color: rgb(119, 0,  
127) }
```

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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