

Converting Colors

CIELCh(28, 79.024, 319.127)

Have a look what the booklet for
CIELCh(28, 79.024, 319.127)
contains.

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Color

CIELCh(28, 79.060, 319.135)

Conversions

Conversions Part 1

Format	Color
Hex	6F0094
RGB	111, 0, 148
RGB Percent	44%, 0%, 58%
CMY	0.5664, 1.0000, 0.4213
CMYK	0.25, 1.00, 0.00, 0.42
HSL	285°, 100%, 29%
HSV	285°, 100%, 58%
XYZ	11.8019, 5.4574, 28.2692
YIQ	50.0610, 18.6480, 69.5600

Conversions

Conversions Part 2

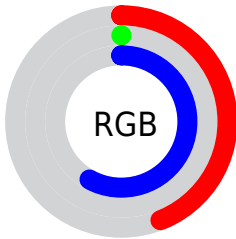
Format	Color
R_{YB}	111, 0, 148
Decimal	7274644
CIE _{Lab}	28.00, 59.79, -51.73
CIE _{LCh}	28, 79.060, 319.135
Yxy	5.4574, 0.2592, 0.1199
Android (android.graphics.Color)	4285464724 (0xFF6F0094)
YUV	50.0610, 48.2839, 53.4435
Hunter-Lab	23.3610, 49.2954, -55.3941

Details

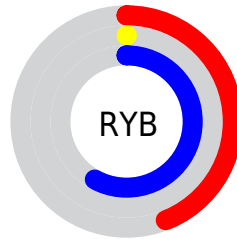
The CIELCh color **28, 79.060, 319.135** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **53, 77.335, 133.768**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 79.059, 319.106**, and **14, 59.627, 314.653** is the 20% darker color. If you saturate the color by 10%, you get **28, 78.901, 319.110**, and if you desaturate by 10%, it is **30, 75.748, 319.514**.

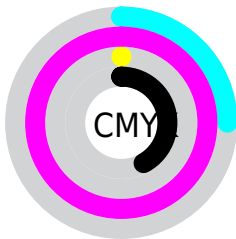
Distribution



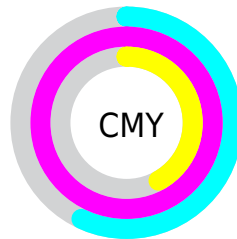
- Red (44%)
- Green (0%)
- Blue (58%)



- Red (44%)
- Yellow (0%)
- Blue (58%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)





- Cyan (57%)
- Magenta (100%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 79.060, 319.135 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, 79.060, 319.135 by changing the saturation by 10% instead.

 28, 79.060,
319.135


 28, 79.060,
319.135

 100, 79.060,
319.135

 18, 79.060,
319.135


 48, 79.060,
319.135


 8, 79.060, 319.135

 58, 79.060,
319.135

 0, 79.060, 319.135

 68, 79.060,
319.135

 78, 79.060,
319.135

 88, 79.060,
319.135

 98, 79.060,

319.135

■ 28, 79.060,
319.135

■ 28, 79.060,
319.135

■ 28, 78.901,
319.110

■ 30, 75.748,
319.514

■ 32, 71.105,
319.745

■ 34, 64.642,
319.753

■ 37, 56.770,
319.588

■ 41, 47.936,
319.303

■ 44, 38.534,
318.938

■ 48, 28.863,
318.530

■ 53, 19.134,
318.102

■ 57, 9.486, 317.668

Harmonies

Complementary

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



28, 79.060, 319.135



53, 77.335, 133.768

Rectangle

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



28, 79.060, 319.135



28, 79.060, 9.135



28, 79.060, 139.135



28, 79.060, 189.135

Sweetspot

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



28, 78.901, 319.110



62, 35.667, 318.555



22, 70.515, 299.331



30, 24.550, 318.715



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



28, 78.901, 319.110



37, 95.626, 318.943



33, 64.429, 339.992



29, 5.365, 317.633



26, 75.004, 319.161



1, 4.652, 317.267

Inverse Universe

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



30, 59.432, 24.294



40, 72.590, 25.555



53, 73.023, 139.655



29, 3.527, 0.242



28, 56.367, 23.902



1, 3.023, 359.455

Previews

White Background



This preview shows how the CIELCh color 28, 79.060, 319.135 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, 79.060, 319.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

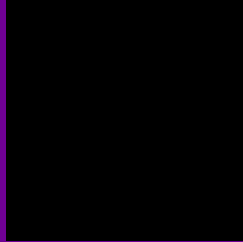
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 79.060, 319.135

Background



This preview shows how black text looks on a background with the CIELCh color 28, 79.060, 319.135.



This preview shows how white text looks on a background with the CIELCh color 28, 79.060, 319.135.

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, 79.060, 319.135

Protanopia

29, 47.743, 285.376

Deuteranopia

29, 34.927, 273.478



Tritanopia
29, 18.482, 15.179

Trichromacy



Original Color
28, 79.060, 319.135

Protanomaly
24, 64.657, 300.934

Deuteranomaly
24, 56.840, 299.439

Tritanomaly
27, 41.568, 332.123

Monochromacy



Original Color
28, 79.060, 319.135

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 37.589, 319.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 79.060, 319.135 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, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(111, 0, 148)  
}
```

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, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 0, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 79.060, 319.135 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, 0, 148) }
```

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

```
.border{ border-color:rgb(111, 0, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 0, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(111, 0,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 79.060, 319.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 0, 148) }
```

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

```
.background{ background-color: rgb(111, 0,  
148) }
```

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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