

Converting Colors

CIELCh(29, 85.035, 317.226)

Have a look what the booklet for
CIELCh(29, 85.035, 317.226)
contains.

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Color

CIELCh(29, 84.657, 317.077)

Conversions

Conversions Part 1

Format	Color
Hex	6E00A0
RGB	110, 0, 160
RGB Percent	43%, 0%, 63%
CMY	0.5690, 1.0000, 0.3730
CMYK	0.31, 1.00, 0.00, 0.37
HSL	281°, 100%, 31%
HSV	281°, 100%, 63%
XYZ	12.7506, 5.8380, 33.6647
YIQ	51.1300, 14.2000, 73.0800

Conversions

Conversions Part 2

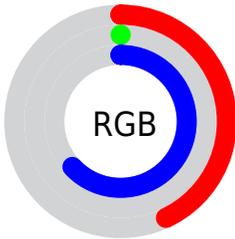
Format	Color
R_{YB}	110, 0, 160
Decimal	7209120
CIE Lab	29.00, 61.99, -57.65
CIE LCh	29, 84.657, 317.077
Yxy	5.8380, 0.2440, 0.1117
Android (android.graphics.Color)	4285399200 (0xFF6E00A0)
YUV	51.1300, 53.6729, 51.6290
Hunter-Lab	24.1619, 51.9136, -65.6951

Details

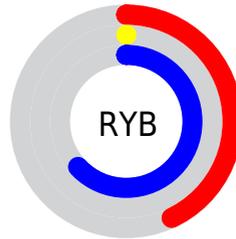
The CIELCh color **29, 84.657, 317.077** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **58, 81.014, 132.767**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 84.671, 317.076**, and **15, 65.578, 312.361** is the 20% darker color. If you saturate the color by 10%, you get **29, 84.620, 317.071**, and if you desaturate by 10%, it is **31, 81.170, 317.561**.

Distribution



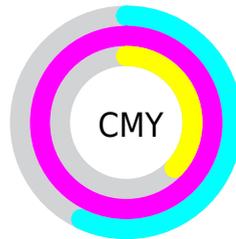
- Red (43%)
- Green (0%)
- Blue (63%)



- Red (43%)
- Yellow (0%)
- Blue (63%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (57%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 84.657, 317.077 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 29, 84.657, 317.077 by changing the saturation by 10% instead.

 29, 84.657,
317.077

 29, 84.657,
317.077

 100, 84.657,
317.077

 19, 84.657,
317.077

 49, 84.657,
317.077

 9, 84.657, 317.077

 59, 84.657,
317.077

 0, 84.657, 317.077

 69, 84.657,
317.077

 79, 84.657,
317.077

 89, 84.657,
317.077

 99, 84.657,

317.077

■ 29, 84.657,
317.077

■ 29, 84.657,
317.077

■ 29, 84.620,
317.071

■ 31, 81.170,
317.561

■ 33, 75.998,
317.835

■ 36, 68.873,
317.855

■ 39, 60.288,
317.683

■ 43, 50.754,
317.384

■ 48, 40.693,
317.006

■ 52, 30.415,
316.587

■ 57, 20.128,
316.155

■ 61, 9.966, 315.723

Harmonies

Complementary

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



29, 84.657, 317.077



58, 81.014, 132.767

Rectangle

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



29, 84.657, 317.077



29, 84.657, 7.077



29, 84.657, 137.077



29, 84.657, 187.077

Sweetspot

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



29, 84.620, 317.071



67, 37.853, 316.612



26, 70.013, 297.108



33, 25.820, 316.780



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



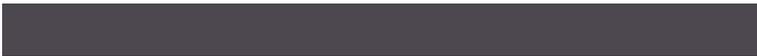
29, 84.620, 317.071



39, 103.399, 316.885



36, 70.791, 337.042



31, 5.579, 315.690



26, 77.854, 317.163



1, 7.165, 314.197

Inverse Universe

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



33, 61.294, 19.267



44, 75.250, 20.473



57, 79.775, 138.401



31, 3.840, 355.878



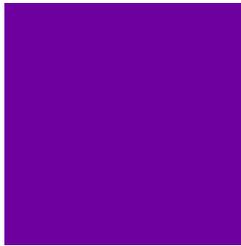
29, 56.273, 18.664



1, 4.895, 356.192

Previews

White Background



This preview shows how the CIELCh color 29, 84.657, 317.077 looks on a white background.

Color Contrast Check

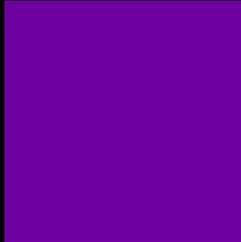
Large Text (above 18pt) WCAG AA ✓ Pass

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 29, 84.657, 317.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

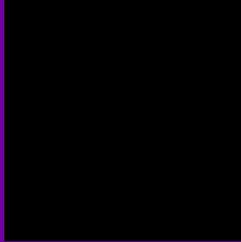
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

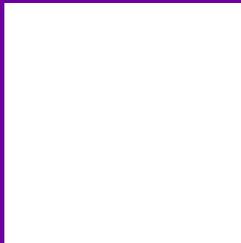
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 29, 84.657, 317.077

Background



This preview shows how black text looks on a background with the CIELCh color 29, 84.657, 317.077.



This preview shows how white text looks on a background with the CIELCh color 29, 84.657, 317.077.

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
29, 84.657, 317.077

Protanopia
30, 48.785, 285.433

Deuteranopia
30, 35.461, 273.335



Tritanopia
30, 14.516, 12.087

Trichromacy



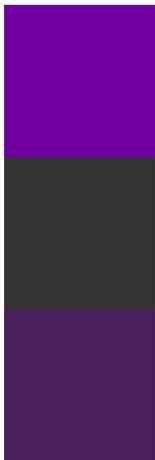
Original Color
29, 84.657, 317.077

Protanomaly
25, 68.027, 301.068

Deuteranomaly
24, 59.727, 299.577

Tritanomaly
27, 43.218, 326.808

Monochromacy



Original Color
29, 84.657, 317.077

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 40.918, 317.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 84.657, 317.077 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(110, 0, 160)` looks like.

```
.text, #text, p{  
    color:rgb(110, 0, 160)  
}
```

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(110, 0, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 0, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 84.657, 317.077 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(110, 0, 160) }
```

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

```
.border{ border-color:rgb(110, 0, 160) }
```

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

Here you see how a box with a 4 pixel rgb(110, 0, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 0, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 0, 160);  
box-shadow:4px 4px 4px 4px rgb(110, 0,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 84.657, 317.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 0, 160) }
```

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

```
.background{ background-color: rgb(110, 0,  
160) }
```

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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