

Converting Colors

CIELCh(29, 105.036, 309.692)

Have a look what the booklet for
CIELCh(29, 105.036, 309.692)
contains.

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Color

CIELCh(29, 104.872, 309.679)

Conversions

Conversions Part 1

Format	Color
Hex	4F03C6
RGB	79, 3, 198
RGB Percent	31%, 1%, 78%
CMY	0.6890, 0.9866, 0.2226
CMYK	0.60, 0.98, 0.00, 0.22
HSL	263°, 97%, 40%
HSV	263°, 98%, 78%
XYZ	13.5075, 5.8380, 53.9891
YIQ	47.9540, -17.2990, 76.7570

Conversions

Conversions Part 2

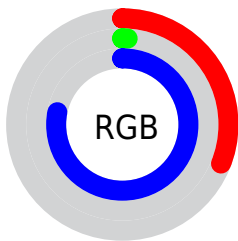
Format	Color
R _Y B	79, 3, 198
Decimal	5178310
CIE Lab	29.00, 66.96, -80.71
CIE LCh	29, 104.872, 309.679
Yxy	5.8380, 0.1842, 0.0796
Android (android.graphics.Color)	4283368390 (0xFF4F03C6)
YUV	47.9540, 73.9727, 27.2273
Hunter-Lab	24.1619, 57.5052, -115.5684

Details

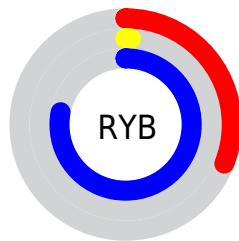
The CIELCh color **29, 104.872, 309.679** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **73, 86.548, 123.809**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 104.480, 309.823**, and **15, 86.542, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **29, 105.719, 309.630**, and if you desaturate by 10%, it is **32, 99.429, 309.983**.

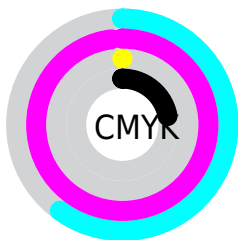
Distribution



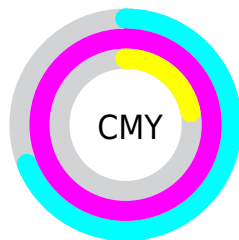
- Red (31%)
- Green (1%)
- Blue (78%)



- Red (31%)
- Yellow (1%)
- Blue (78%)



- Cyan (60%)
- Magenta (98%)
- Yellow (0%)
- Black (22%)





- Cyan (69%)
- Magenta (99%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 104.872, 309.679 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, 104.872, 309.679 by changing the saturation by 10% instead.


 29, 104.872,
309.679


 29, 104.872,
309.679


 100, 104.872,
309.679


 19, 104.872,
309.679


 49, 104.872,
309.679


 9, 104.872,
309.679

 59, 104.872,
309.679

 0, 104.872,
309.679

 69, 104.872,
309.679

 79, 104.872,
309.679

 89, 104.872,
309.679

 99, 104.872,

309.679

■ 29, 104.872,
309.679

■ 29, 104.872,
309.679

■ 29, 105.719,
309.630

■ 32, 99.429,
309.983

■ 35, 91.124,
309.870

■ 40, 80.651,
309.432

■ 45, 68.968,
308.809

■ 51, 56.779,
308.109

■ 57, 44.519,
307.400

■ 63, 32.431,
306.723

■ 69, 20.638,
306.097

■ 75, 9.195, 305.528

Harmonies

Complementary

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



29, 104.872, 309.679



73, 86.548, 123.809

Rectangle

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



29, 104.872, 309.679



29, 104.872, 359.679



29, 104.872, 129.679



29, 104.872, 179.679

Sweetspot

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



29, 104.873, 309.680



78, 40.881, 306.799



50, 46.654, 269.417



39, 28.226, 307.089



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



29, 104.873, 309.680



38, 128.016, 309.475



43, 96.031, 323.754



39, 6.332, 305.589



23, 91.351, 309.779



2, 22.003, 302.190

Inverse Universe

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



44, 72.477, 351.671



56, 87.502, 352.652



70, 97.898, 135.486



39, 5.614, 338.802



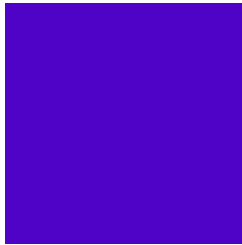
35, 62.991, 351.688



4, 19.163, 346.132

Previews

White Background



This preview shows how the CIE LCh color 29, 104.872, 309.679 looks on a white background.

Color Contrast Check

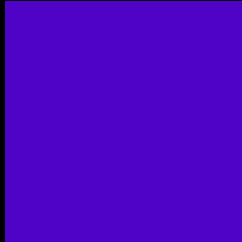
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104.872, 309.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

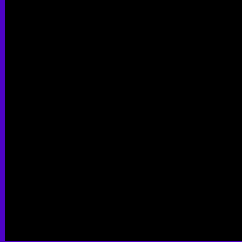
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 104.872, 309.679

Background



This preview shows how black text looks on a background with the CIELCh color 29, 104.872, 309.679.



This preview shows how white text looks on a background with the CIELCh color 29, 104.872, 309.679.

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, 104.872, 309.679

Protanopia

30, 47.676, 285.065

Deuteranopia

29, 33.298, 271.005



Tritanopia
30, 17.512, 209.880

Trichromacy



Original Color
29, 104.872, 309.679

Protanomaly
26, 74.466, 300.489

Deuteranomaly
25, 65.766, 298.809

Tritanomaly
25, 49.042, 297.241

Monochromacy



Original Color
29, 104.872, 309.679

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 47.755, 308.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 104.872, 309.679 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(79, 3, 198)` looks like.

```
.text, #text, p{  
    color:rgb(79, 3, 198)  
}
```

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(79, 3, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 3, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 104.872, 309.679 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(79, 3, 198) }
```

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

```
.border{ border-color:rgb(79, 3, 198) }
```

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

Here you see how a box with a 4 pixel rgb(79, 3, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 3, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 3, 198);  
box-shadow:4px 4px 4px 4px rgb(79, 3, 198)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 104.872, 309.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 3, 198) }
```

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

```
.background{ background-color: rgb(79, 3,  
198) }
```

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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