

Converting Colors

CIELCh(29, 60.262, 339.035)

Have a look what the booklet for
CIELCh(29, 60.262, 339.035)
contains.

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Color

CIELCh(29, 60.089, 339.001)

Conversions

Conversions Part 1

Format	Color
Hex	840067
RGB	132, 0, 103
RGB Percent	52%, 0%, 40%
CMY	0.4837, 1.0000, 0.5972
CMYK	0.00, 1.00, 0.22, 0.48
HSL	313°, 100%, 26%
HSV	313°, 100%, 52%
XYZ	11.8900, 5.8380, 13.2539
YIQ	51.2100, 45.6090, 60.0170

Conversions

Conversions Part 2

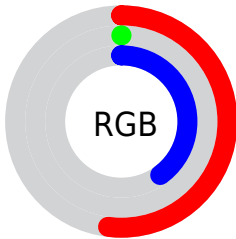
Format	Color
R_{YB}	132, 0, 103
Decimal	8650855
CIE _{Lab}	29.00, 56.10, -21.53
CIE _{LCh}	29, 60.089, 339.001
Yxy	5.8380, 0.3838, 0.1884
Android (android.graphics.Color)	4286840935 (0xFF840067)
YUV	51.2100, 25.5325, 70.8528
Hunter-Lab	24.1619, 45.5556, -15.6098

Details

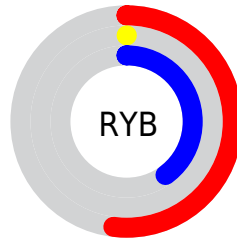
The CIELCh color **29, 60.089, 339.001** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **48, 67.423, 139.524**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 59.805, 339.297**, and **15, 40.262, 341.847** is the 20% darker color. If you saturate the color by 10%, you get **29, 59.970, 339.015**, and if you desaturate by 10%, it is **30, 58.507, 337.945**.

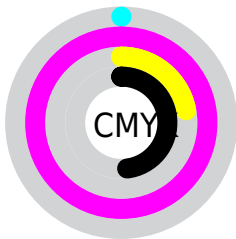
Distribution



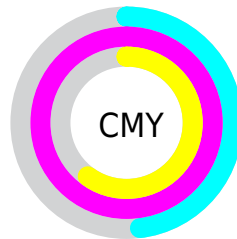
- Red (52%)
- Green (0%)
- Blue (40%)



- Red (52%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (48%)





- Cyan (48%)
- Magenta (100%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 60.089, 339.001 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, 60.089, 339.001 by changing the saturation by 10% instead.

 29, 60.089,
339.001


 29, 60.089,
339.001

 100, 60.089,
339.001


 19, 60.089,
339.001


 49, 60.089,
339.001


 9, 60.089, 339.001

 59, 60.089,
339.001

 0, 60.089, 339.001

 69, 60.089,
339.001

 79, 60.089,
339.001

 89, 60.089,
339.001

 99, 60.089,

339.001

■ 29, 60.089,
339.001

■ 29, 60.089,
339.001

■ 29, 59.970,
339.015

■ 30, 58.507,
337.945

■ 31, 55.889,
336.963

■ 33, 51.647,
336.089

■ 35, 46.015,
335.286

■ 38, 39.322,
334.534

■ 41, 31.909,
333.817

■ 44, 24.071,
333.129

■ 48, 16.038,
332.465

■ 51, 7.979, 331.817

Harmonies

Complementary

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



29, 60.089, 339.001



48, 67.423, 139.524

Rectangle

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



29, 60.089, 339.001



29, 60.089, 29.001



29, 60.089, 159.001



29, 60.089, 209.001

Sweetspot

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



29, 59.970, 339.015



57, 29.776, 333.175



15, 80.280, 307.614



28, 20.445, 333.421



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



29, 59.970, 339.015



38, 72.303, 339.319



27, 53.604, 20.825



26, 4.523, 331.760



29, 59.448, 338.999



0, 1.076, 331.234

Inverse Universe

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



29, 59.970, 339.015



38, 72.303, 339.319



49, 41.925, 163.862



26, 4.523, 331.760



29, 59.448, 338.999



0, 1.076, 331.234

Previews

White Background



This preview shows how the CIELCh color 29, 60.089, 339.001 looks on a white background.

Color Contrast Check

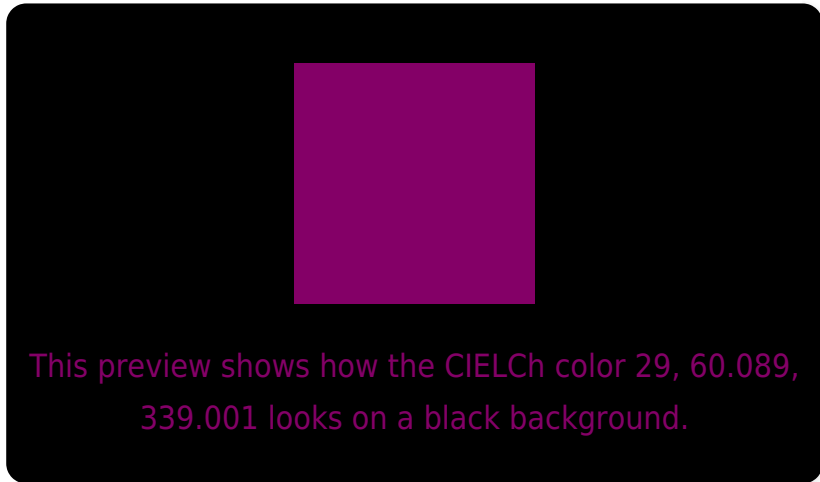
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

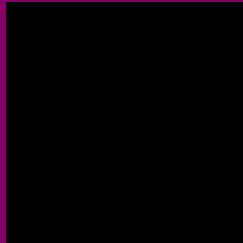
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 60.089, 339.001

Background



This preview shows how black text looks on a background with the CIELCh color 29, 60.089, 339.001.



This preview shows how white text looks on a background with the CIELCh color 29, 60.089, 339.001.

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





Tritanopia
30, 42.229, 26.810

Trichromacy



Original Color
29, 60.089, 339.001

Protanomaly
25, 55.886, 303.388

Deuteranomaly
26, 37.408, 321.874

Tritanomaly
29, 45.979, 3.679

Monochromacy



Original Color
29, 60.089, 339.001

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 31.072, 334.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 60.089, 339.001 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(132, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(132, 0, 103)  
}
```

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(132, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 0, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 60.089, 339.001 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(132, 0, 103) }
```

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

```
.border{ border-color:rgb(132, 0, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 0, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(132, 0,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 60.089, 339.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 0, 103) }
```

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

```
.background{ background-color: rgb(132, 0,  
103) }
```

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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