

Converting Colors

CIELCh(29, 61.604, 336.153)

Have a look what the booklet for
CIELCh(29, 61.604, 336.153)
contains.

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Color

CIELCh(29, 61.666, 336.063)

Conversions

Conversions Part 1

Format	Color
Hex	82006C
RGB	130, 0, 108
RGB Percent	51%, 0%, 42%
CMY	0.4899, 0.9994, 0.5762
CMYK	0.00, 1.00, 0.17, 0.49
HSL	310°, 100%, 26%
HSV	310°, 100%, 51%
XYZ	11.9277, 5.8380, 14.7024
YIQ	51.1820, 42.8120, 61.1480

Conversions

Conversions Part 2

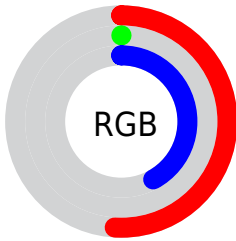
Format	Color
R_{YB}	130, 0, 108
Decimal	8519788
CIE Lab	29.00, 56.36, -25.02
CIE LCh	29, 61.666, 336.063
Yxy	5.8380, 0.3674, 0.1798
Android (android.graphics.Color)	4286709868 (0xFF82006C)
YUV	51.1820, 28.0113, 69.1234
Hunter-Lab	24.1619, 45.8340, -19.1643

Details

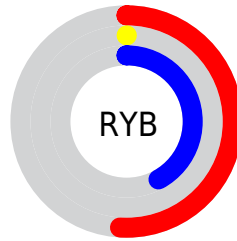
The CIELCh color **29, 61.666, 336.063** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **47, 68.553, 138.436**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 61.851, 335.839**, and **15, 41.492, 337.626** is the 20% darker color. If you saturate the color by 10%, you get **29, 61.682, 336.072**, and if you desaturate by 10%, it is **30, 60.034, 335.284**.

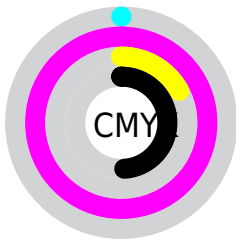
Distribution



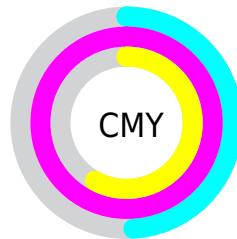
- Red (51%)
- Green (0%)
- Blue (42%)



- Red (51%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (49%)





- Cyan (49%)
- Magenta (100%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 61.666, 336.063 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, 61.666, 336.063 by changing the saturation by 10% instead.

 29, 61.666,
336.063


 29, 61.666,
336.063

 100, 61.666,
336.063


 19, 61.666,
336.063


 49, 61.666,
336.063


 9, 61.666, 336.063

 59, 61.666,
336.063

 0, 61.666, 336.063

 69, 61.666,
336.063

 79, 61.666,
336.063

 89, 61.666,
336.063

 99, 61.666,

336.063

■ 29, 61.666,
336.063

■ 29, 61.666,
336.063

■ 29, 61.682,
336.072

■ 30, 60.034,
335.284

■ 31, 57.251,
334.544

■ 33, 52.850,
333.852

■ 35, 47.060,
333.186

■ 38, 40.203,
332.536

■ 41, 32.614,
331.895

■ 44, 24.589,
331.265

■ 47, 16.360,
330.645

■ 51, 8.098, 330.031

Harmonies

Complementary

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



29, 61.666, 336.063



47, 68.553, 138.436

Rectangle

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



29, 61.666, 336.063



29, 61.666, 26.063



29, 61.666, 156.063



29, 61.666, 206.063

Sweetspot

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



29, 61.664, 336.063



56, 30.459, 331.314



14, 80.010, 307.170



27, 20.652, 331.534



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



29, 61.664, 336.063



38, 74.249, 336.283



27, 52.055, 16.186



26, 4.689, 329.985



29, 61.676, 336.072



0, 1.116, 329.479

Inverse Universe

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



29, 61.664, 336.063



38, 74.249, 336.283



48, 44.131, 160.043



26, 4.689, 329.985



29, 61.676, 336.072



0, 1.116, 329.479

Previews

White Background



This preview shows how the CIELCh color 29, 61.666, 336.063 looks on a white background.

Color Contrast Check

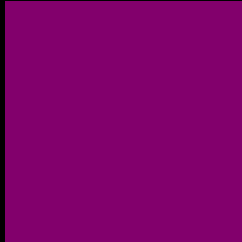
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 29, 61.666, 336.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

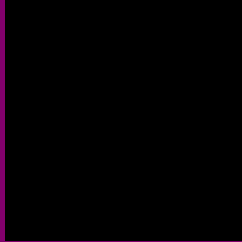
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 61.666, 336.063

Background



This preview shows how black text looks on a background with the CIELCh color 29, 61.666, 336.063.



This preview shows how white text looks on a background with the CIELCh color 29, 61.666, 336.063.

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, 61.666, 336.063

Protanopia

30, 49.959, 286.080

Deuteranopia

30, 19.348, 282.999



Tritanopia
30, 39.945, 26.634

Trichromacy



Original Color
29, 61.666, 336.063

Protanomaly
24, 57.929, 301.215

Deuteranomaly
26, 40.373, 317.764

Tritanomaly
29, 44.943, 0.989

Monochromacy



Original Color
29, 61.666, 336.063

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 31.307, 332.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 61.666, 336.063 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(130, 0, 108)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 108)  
}
```

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(130, 0, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 61.666, 336.063 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(130, 0, 108) }
```

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

```
.border{ border-color:rgb(130, 0, 108) }
```

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

Here you see how a box with a 4 pixel rgb(130, 0, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 108);  
box-shadow:4px 4px 4px 4px rgb(130, 0,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 61.666, 336.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 108) }
```

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

```
.background{ background-color: rgb(130, 0,  
108) }
```

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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