

Converting Colors

CIELCh(27, 104.869, 309.092)

Have a look what the booklet for
CIELCh(27, 104.869, 309.092)
contains.

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Color

CIELCh(27, 104.797, 309.010)

Conversions

Conversions Part 1

Format	Color
Hex	4400C2
RGB	68, 0, 194
RGB Percent	27%, 0%, 76%
CMY	0.7345, 1.0000, 0.2402
CMYK	0.65, 1.00, 0.00, 0.24
HSL	261°, 100%, 38%
HSV	261°, 100%, 76%
XYZ	12.0686, 5.0937, 51.2435
YIQ	42.4480, -21.7460, 74.7500

Conversions

Conversions Part 2

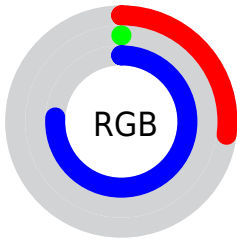
Format	Color
RYB	68, 0, 194
Decimal	4456642
CIELab	27.00, 65.97, -81.43
CIELCh	27, 104.797, 309.010
Yxy	5.0937, 0.1764, 0.0745
Android (android.graphics.Color)	4282646722 (0xFF4400C2)
YUV	42.4480, 74.7151, 22.4091
Hunter-Lab	22.5692, 55.9548, -118.8201

Details

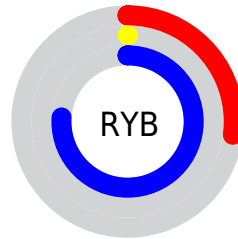
The CIELCh color **27, 104.797, 309.010** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **71, 84.462, 122.230**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 104.896, 308.968**, and **15, 85.209, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **27, 104.721, 308.993**, and if you desaturate by 10%, it is **30, 99.431, 309.206**.

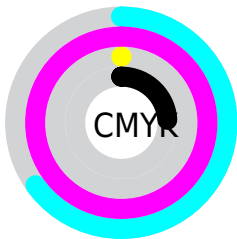
Distribution



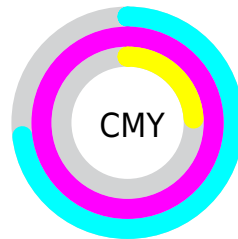
- Red (27%)
- Green (0%)
- Blue (76%)



- Red (27%)
- Yellow (0%)
- Blue (76%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)





- Cyan (73%)
- Magenta (100%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 104.797, 309.010 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 27, 104.797, 309.010 by changing the saturation by 10% instead.


 27, 104.797,
309.010


 27, 104.797,
309.010


 100, 104.797,
309.010


 17, 104.797,
309.010


 47, 104.797,
309.010


 7, 104.797,
309.010

 57, 104.797,
309.010

 0, 104.797,
309.010

 67, 104.797,
309.010

 77, 104.797,
309.010

 87, 104.797,
309.010

 97, 104.797,

309.010

■ 27, 104.797,
309.010

■ 27, 104.797,
309.010

■ 27, 104.721,
308.993

■ 30, 99.431,
309.206

■ 33, 91.474,
309.045

■ 38, 81.233,
308.531

■ 43, 69.723,
307.819

■ 49, 57.696,
307.029

■ 54, 45.608,
306.238

■ 60, 33.705,
305.489

■ 66, 22.110,
304.802

■ 72, 10.873,
304.183

Harmonies

Complementary

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



27, 104.797, 309.010



71, 84.462, 122.230

Rectangle

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



27, 104.797, 309.010



27, 104.797, 359.010



27, 104.797, 129.010



27, 104.797, 179.010

Sweetspot

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



27, 104.721, 308.993



77, 41.814, 305.523



51, 42.224, 262.258



38, 28.950, 305.840



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



27, 104.721, 308.993



36, 128.030, 308.837



40, 95.349, 321.871



38, 6.159, 304.146



22, 90.990, 309.132



2, 19.821, 300.535

Inverse Universe

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



43, 72.850, 348.778



56, 88.623, 349.228



69, 96.137, 135.042



38, 5.653, 336.985



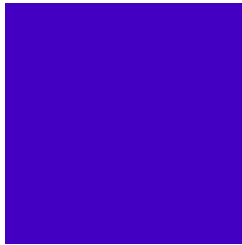
35, 63.575, 348.393



3, 17.525, 343.188

Previews

White Background



This preview shows how the CIE LCh color 27, 104.797, 309.010 looks on a white background.

Color Contrast Check

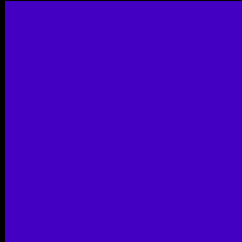
Large Text (above 18pt) WCAG AA ✓ Pass

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 27, 104.797, 309.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

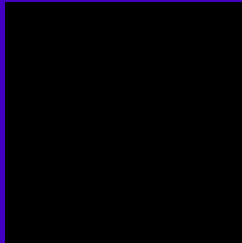
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 104.797, 309.010

Background



This preview shows how black text looks on a background with the CIELCh color 27, 104.797, 309.010.



This preview shows how white text looks on a background with the CIELCh color 27, 104.797, 309.010.

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

27, 104.797, 309.010

Protanopia

28, 45.575, 284.922

Deuteranopia

28, 31.665, 270.450

Trichromacy



Original Color
27, 104.797, 309.010

Protanomaly
24, 73.754, 300.836

Deuteranomaly
23, 65.058, 299.165

Monochromacy



Original Color
27, 104.797, 309.010

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 47.600, 308.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 104.797, 309.010 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(68, 0, 194)` looks like.

```
.text, #text, p{  
    color:rgb(68, 0, 194)  
}
```

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(68, 0, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 0, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 104.797, 309.010 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(68, 0, 194) }
```

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

```
.border{ border-color:rgb(68, 0, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 0, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 0, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 0, 194);  
box-shadow:4px 4px 4px 4px rgb(68, 0, 194)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 104.797, 309.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 0, 194) }
```

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

```
.background{ background-color: rgb(68, 0,  
194) }
```

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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