

Converting Colors

CIELCh(28, 102.526, 309.969)

Have a look what the booklet for
CIELCh(28, 102.526, 309.969)
contains.

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Color

CIELCh(28, 102.548, 310.004)

Conversions

Conversions Part 1

Format	Color
Hex	4F01C0
RGB	79, 1, 192
RGB Percent	31%, 0%, 75%
CMY	0.6913, 0.9977, 0.2480
CMYK	0.59, 1.00, 0.00, 0.25
HSL	265°, 99%, 38%
HSV	265°, 100%, 75%
XYZ	12.6939, 5.4574, 50.1105
YIQ	46.0960, -14.8230, 75.9370

Conversions

Conversions Part 2

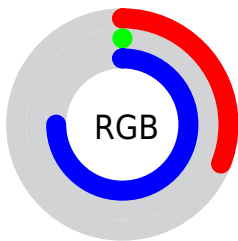
Format	Color
RYB	79, 1, 192
Decimal	5177792
CIELab	28.00, 65.92, -78.55
CIELCh	28, 102.548, 310.004
Yxy	5.4574, 0.1860, 0.0799
Android (android.graphics.Color)	4283367872 (0xFF4F01C0)
YUV	46.0960, 71.9307, 28.8568
Hunter-Lab	23.3610, 56.1114, -110.8270

Details

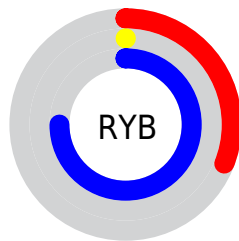
The CIELCh color **28, 102.548, 310.004** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **70, 85.365, 124.712**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **48, 102.576, 310.026**, and **14, 84.316, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **28, 102.695, 309.996**, and if you desaturate by 10%, it is **31, 97.481, 310.355**.

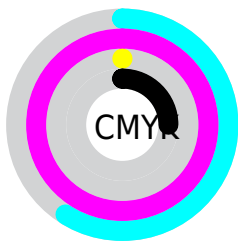
Distribution



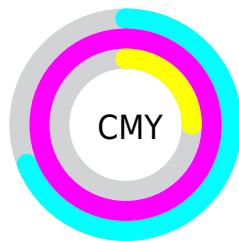
- Red (31%)
- Green (0%)
- Blue (75%)



- Red (31%)
- Yellow (0%)
- Blue (75%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)





- Cyan (69%)
- Magenta (100%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 102.548, 310.004 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 28, 102.548, 310.004 by changing the saturation by 10% instead.


 28, 102.548,
310.004


 28, 102.548,
310.004


 100, 102.548,
310.004


 18, 102.548,
310.004


 48, 102.548,
310.004


 8, 102.548,
310.004


 58, 102.548,
310.004

 0, 102.548,
310.004

 68, 102.548,
310.004

 78, 102.548,
310.004

 88, 102.548,
310.004

 98, 102.548,

310.004

■ 28, 102.548,
310.004

■ 28, 102.548,
310.004

■ 28, 102.695,
309.996

■ 31, 97.481,
310.355

■ 34, 89.847,
310.344

■ 38, 79.982,
309.991

■ 43, 68.805,
309.436

■ 49, 57.028,
308.785

■ 54, 45.108,
308.112

■ 60, 33.309,
307.459

■ 66, 21.769,
306.850

■ 72, 10.554,
306.292

Harmonies

Complementary

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



28, 102.548, 310.004



70, 85.365, 124.712

Rectangle

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



28, 102.548, 310.004



28, 102.548, 0.004



28, 102.548, 130.004



28, 102.548, 180.004

Sweetspot

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



28, 102.549, 310.005



76, 41.764, 307.509



47, 47.527, 272.349



38, 28.653, 307.784



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



28, 102.549, 310.005



37, 125.561, 309.825



42, 93.829, 324.352



38, 6.218, 306.275



23, 89.934, 310.138



2, 19.948, 302.312

Inverse Universe

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



42, 70.207, 353.657



54, 85.470, 354.324



68, 95.994, 135.574



38, 5.421, 339.712



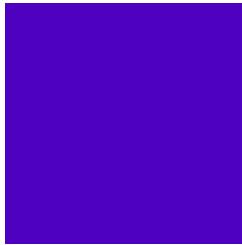
35, 61.741, 353.281



3, 16.764, 346.797

Previews

White Background



This preview shows how the CIELCh color 28, 102.548, 310.004 looks on a white background.

Color Contrast Check

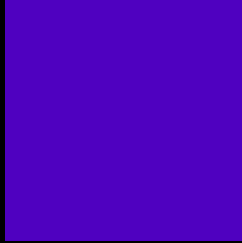
Large Text (above 18pt) WCAG AA ✓ Pass

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 28, 102.548, 310.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

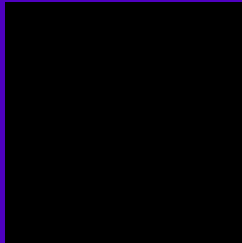
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 102.548, 310.004

Background



This preview shows how black text looks on a background with the CIELCh color 28, 102.548, 310.004.



This preview shows how white text looks on a background with the CIELCh color 28, 102.548, 310.004.

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

28, 102.548, 310.004

Protanopia

29, 47.219, 285.346

Deuteranopia

29, 32.752, 271.108



Tritanopia
29, 15.638, 211.719

Trichromacy



Original Color
28, 102.548, 310.004

Protanomaly
25, 74.133, 301.009

Deuteranomaly
24, 64.786, 299.089

Tritanomaly
24, 47.892, 299.099

Monochromacy



Original Color
28, 102.548, 310.004

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 47.339, 309.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 102.548, 310.004 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, 1, 192)` looks like.

```
.text, #text, p{  
    color:rgb(79, 1, 192)  
}
```

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, 1, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 1, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 102.548, 310.004 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, 1, 192) }
```

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

```
.border{ border-color:rgb(79, 1, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 1, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 1, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 1, 192);  
box-shadow:4px 4px 4px 4px rgb(79, 1, 192)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 102.548, 310.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 1, 192) }
```

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

```
.background{ background-color: rgb(79, 1,  
192) }
```

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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