

Converting Colors

CIELCh(26, 108.362, 310.926)

Have a look what the booklet for
CIELCh(26, 108.362, 310.926)
contains.

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Color

CIELCh(28, 103.064, 309.764)

Conversions

Conversions Part 1

Format	Color
Hex	4D01C1
RGB	77, 1, 193
RGB Percent	30%, 0%, 76%
CMY	0.6978, 0.9942, 0.2436
CMYK	0.60, 0.99, 0.00, 0.24
HSL	264°, 98%, 38%
HSV	264°, 99%, 76%
XYZ	12.6940, 5.4574, 50.7676
YIQ	45.6120, -16.3360, 75.8240

Conversions

Conversions Part 2

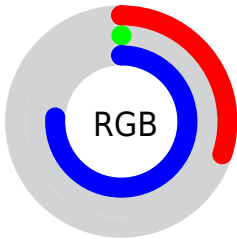
Format	Color
RYB	77, 1, 193
Decimal	5046721
CIELab	28.00, 65.92, -79.22
CIElCh	28, 103.064, 309.764
Yxy	5.4574, 0.1842, 0.0792
Android (android.graphics.Color)	4283236801 (0xFF4D01C1)
YUV	45.6120, 72.6623, 27.5273
Hunter-Lab	23.3610, 56.1118, -112.4949

Details

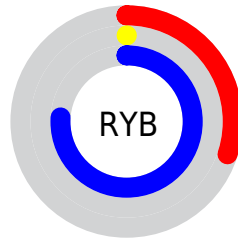
The CIELCh color **28, 103.064, 309.764** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **71, 85.211, 124.109**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **48, 103.145, 309.710**, and **15, 84.763, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **28, 103.440, 309.745**, and if you desaturate by 10%, it is **31, 97.859, 310.083**.

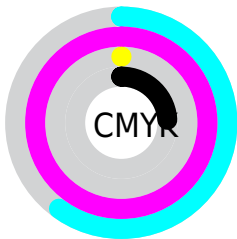
Distribution



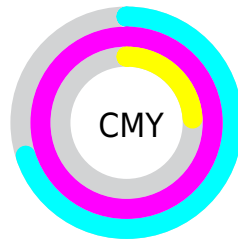
- Red (30%)
- Green (0%)
- Blue (76%)



- Red (30%)
- Yellow (0%)
- Blue (76%)



- Cyan (60%)
- Magenta (99%)
- Yellow (0%)
- Black (24%)





- Cyan (70%)
- Magenta (99%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 103.064, 309.764 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, 103.064, 309.764 by changing the saturation by 10% instead.


 28, 103.064,
309.764


 28, 103.064,
309.764


 100, 103.064,
309.764


 18, 103.064,
309.764


 48, 103.064,
309.764


 8, 103.064,
309.764

 58, 103.064,
309.764

 0, 103.064,
309.764

 68, 103.064,
309.764

 78, 103.064,
309.764

 88, 103.064,
309.764

 98, 103.064,

309.764

■ 28, 103.064,
309.764

■ 28, 103.064,
309.764

■ 28, 103.440,
309.745

■ 31, 97.859,
310.083

■ 34, 89.986,
310.018

■ 39, 79.916,
309.617

■ 44, 68.584,
309.020

■ 49, 56.701,
308.337

■ 55, 44.711,
307.639

■ 61, 32.867,
306.967

■ 67, 21.300,
306.344

■ 73, 10.068,
305.776

Harmonies

Complementary

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



28, 103.064, 309.764



71, 85.211, 124.109

Rectangle

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



28, 103.064, 309.764



28, 103.064, 359.764



28, 103.064, 129.764



28, 103.064, 179.764

Sweetspot

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



28, 103.065, 309.765



76, 41.692, 307.048



48, 46.007, 269.784



37, 28.608, 307.330



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, 103.065, 309.765



37, 125.915, 309.580



42, 94.291, 323.736



38, 6.204, 305.783



22, 90.186, 309.889



2, 19.915, 301.885

Inverse Universe

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



42, 70.906, 352.347



55, 85.976, 353.098



68, 96.148, 135.470



38, 5.474, 339.056



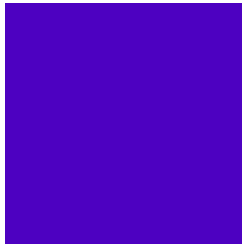
35, 62.120, 352.108



3, 16.929, 345.955

Previews

White Background



This preview shows how the CIELCh color 28, 103.064, 309.764 looks on a white background.

Color Contrast Check

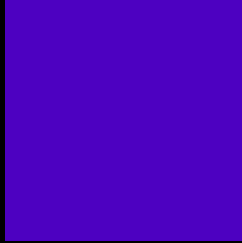
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103.064, 309.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

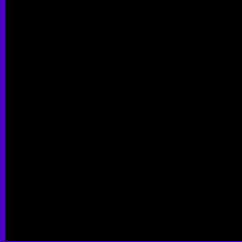
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 103.064, 309.764

Background



This preview shows how black text looks on a background with the CIELCh color 28, 103.064, 309.764.



This preview shows how white text looks on a background with the CIELCh color 28, 103.064, 309.764.

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, 103.214, 309.774

Protanopia

29, 46.628, 284.996

Deuteranopia

29, 32.752, 271.108



Tritanopia
29, 17.236, 210.150

Trichromacy



Original Color
28, 103.214, 309.774

Protanomaly
25, 73.528, 300.666

Deuteranomaly
24, 64.809, 298.985

Tritanomaly
24, 48.625, 297.596

Monochromacy



Original Color
28, 103.214, 309.774

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 46.715, 309.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 103.064, 309.764 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(77, 1, 193)` looks like.

```
.text, #text, p{  
    color:rgb(77, 1, 193)  
}
```

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(77, 1, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 1, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 103.064, 309.764 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(77, 1, 193) }
```

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

```
.border{ border-color:rgb(77, 1, 193) }
```

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

Here you see how a box with a 4 pixel rgb(77, 1, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 1, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 1, 193);  
box-shadow:4px 4px 4px 4px rgb(77, 1, 193)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 103.064, 309.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 1, 193) }
```

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

```
.background{ background-color: rgb(77, 1,  
193) }
```

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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