

Converting Colors

CIELCh(28, 110.067, 308.115)

Have a look what the booklet for
CIELCh(28, 110.067, 308.115)
contains.

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Color

CIELCh(28, 109.921, 308.147)

Conversions

Conversions Part 1

Format	Color
Hex	3D02CD
RGB	61, 2, 205
RGB Percent	24%, 1%, 80%
CMY	0.7601, 0.9915, 0.1957
CMYK	0.70, 0.99, 0.00, 0.20
HSL	257°, 98%, 41%
HSV	257°, 99%, 80%
XYZ	12.9903, 5.4574, 58.1946
YIQ	42.7830, -29.9990, 75.6410

Conversions

Conversions Part 2

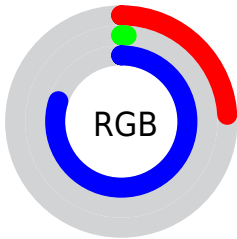
Format	Color
RYB	61, 2, 205
Decimal	3998413
CIELab	28.00, 67.90, -86.45
CIELCh	28, 109.921, 308.147
Yxy	5.4574, 0.1695, 0.0712
Android (android.graphics.Color)	4282188493 (0xFF3D02CD)
YUV	42.7830, 79.9730, 15.9763
Hunter-Lab	23.3610, 58.3763, -131.3444

Details

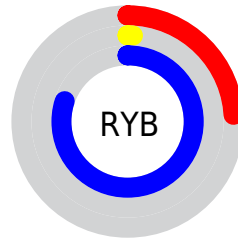
The CIELCh color **28, 109.921, 308.147** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **76, 86.273, 119.429**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 105.970, 308.515**, and **16, 89.635, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **28, 110.469, 308.146**, and if you desaturate by 10%, it is **31, 104.190, 308.210**.

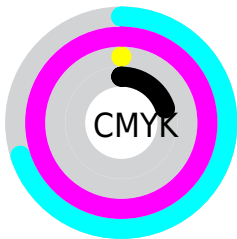
Distribution



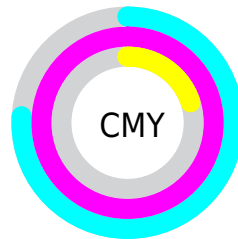
- Red (24%)
- Green (1%)
- Blue (80%)



- Red (24%)
- Yellow (1%)
- Blue (80%)



- Cyan (70%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)





- Cyan (76%)
- Magenta (99%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 109.921, 308.147 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, 109.921, 308.147 by changing the saturation by 10% instead.


 28, 109.921,
308.147


 28, 109.921,
308.147


 100, 109.921,
308.147


 18, 109.921,
308.147


 48, 109.921,
308.147


 8, 109.921,
308.147


 58, 109.921,
308.147

 0, 109.921,
308.147

 68, 109.921,
308.147

 78, 109.921,
308.147

 88, 109.921,
308.147

 98, 109.921,

308.147

■ 28, 109.921,
308.147

■ 28, 109.921,
308.147

■ 28, 110.469,
308.146

■ 31, 104.190,
308.210

■ 35, 95.308,
307.824

■ 40, 84.103,
307.087

■ 45, 71.723,
306.177

■ 51, 58.953,
305.220

■ 58, 46.239,
304.295

■ 64, 33.801,
303.439

■ 70, 21.739,
302.669

■ 77, 10.086,
301.985

Harmonies

Complementary

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



28, 109.921, 308.147



76, 86.273, 119.429

Rectangle

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



28, 109.921, 308.147



28, 109.921, 358.147



28, 109.921, 128.147



28, 109.921, 178.147

Sweetspot

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



28, 109.923, 308.148



77, 41.908, 303.557



58, 40.421, 252.830



38, 28.797, 303.918



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



28, 109.923, 308.148



35, 130.361, 308.036



41, 99.934, 320.122



40, 6.373, 302.014



21, 94.120, 308.280



2, 23.870, 299.910

Inverse Universe

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



46, 78.653, 344.163



57, 92.516, 344.627



72, 99.299, 134.484



40, 6.150, 334.515



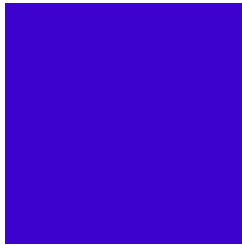
37, 67.366, 344.037



4, 22.902, 340.217

Previews

White Background



This preview shows how the CIELCh color 28, 109.921, 308.147 looks on a white background.

Color Contrast Check

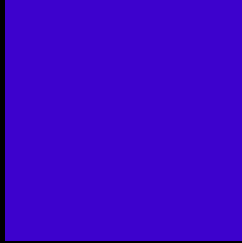
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109.921, 308.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

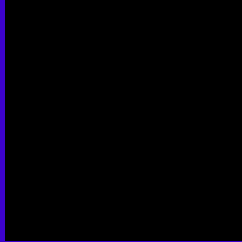
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 109.921, 308.147

Background



This preview shows how black text looks on a background with the CIELCh color 28, 109.921, 308.147.



This preview shows how white text looks on a background with the CIELCh color 28, 109.921, 308.147.

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, 109.921, 308.147

Protanopia

28, 46.695, 285.315

Deuteranopia

29, 32.216, 270.358



Tritanopia
28, 20.054, 205.983

Trichromacy



Original Color
28, 109.921, 308.147

Protanomaly
25, 76.521, 300.798

Deuteranomaly
24, 67.252, 298.845

Tritanomaly
23, 50.162, 293.704

Monochromacy



Original Color
28, 109.921, 308.147

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 49.972, 307.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 109.921, 308.147 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(61, 2, 205)` looks like.

```
.text, #text, p{  
    color:rgb(61, 2, 205)  
}
```

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(61, 2, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 2, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 109.921, 308.147 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(61, 2, 205) }
```

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

```
.border{ border-color:rgb(61, 2, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 2, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 2, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 2, 205);  
box-shadow:4px 4px 4px 4px rgb(61, 2, 205)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 109.921, 308.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 2, 205) }
```

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

```
.background{ background-color: rgb(61, 2,  
205) }
```

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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