

Converting Colors

CIELCh(28, 94.090, 312.328)

Have a look what the booklet for
CIELCh(28, 94.090, 312.328)
contains.

CIELCh(28, 94.261, 312.352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(28, 94.261, 312.352)

Conversions

Conversions Part 1

Format	Color
Hex	5C01B1
RGB	92, 1, 177
RGB Percent	36%, 0%, 69%
CMY	0.6396, 0.9968, 0.3063
CMYK	0.48, 1.00, 0.00, 0.31
HSL	271°, 99%, 35%
HSV	271°, 100%, 69%
XYZ	12.3367, 5.4574, 41.9434
YIQ	48.2730, -2.2600, 74.0280

Conversions

Conversions Part 2

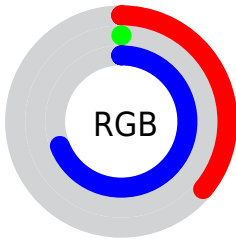
Format	Color
RYB	92, 1, 177
Decimal	6029745
CIELab	28.00, 63.50, -69.66
CIElCh	28, 94.261, 312.352
Yxy	5.4574, 0.2065, 0.0914
Android (android.graphics.Color)	4284219825 (0xFF5C01B1)
YUV	48.2730, 63.4624, 38.3486
Hunter-Lab	23.3610, 53.3822, -90.0991

Details

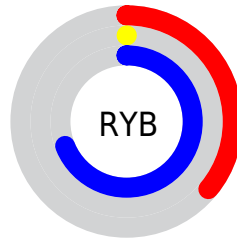
The CIELCh color **28, 94.261, 312.352** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **64, 83.179, 128.512**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 94.491, 312.381**, and **13, 76.762, 307.318** is the 20% darker color. If you saturate the color by 10%, you get **28, 94.461, 312.333**, and if you desaturate by 10%, it is **30, 89.807, 312.841**.

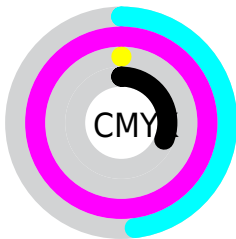
Distribution



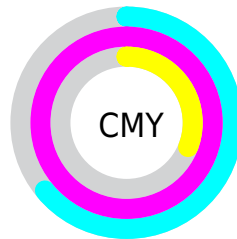
- Red (36%)
- Green (0%)
- Blue (69%)



- Red (36%)
- Yellow (0%)
- Blue (69%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)





- Cyan (64%)
- Magenta (100%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 94.261, 312.352 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, 94.261, 312.352 by changing the saturation by 10% instead.

 28, 94.261,
312.352


 28, 94.261,
312.352

 100, 94.261,
312.352


 18, 94.261,
312.352


 48, 94.261,
312.352


 8, 94.261, 312.352

 58, 94.261,
312.352

 0, 94.261, 312.352

 68, 94.261,
312.352

 78, 94.261,
312.352

 88, 94.261,
312.352

 98, 94.261,

312.352

■ 28, 94.261,
312.352

■ 28, 94.261,
312.352

■ 28, 94.461,
312.333

■ 30, 89.807,
312.841

■ 33, 83.168,
313.018

■ 37, 74.464,
312.884

■ 42, 64.416,
312.543

■ 46, 53.642,
312.086

■ 51, 42.581,
311.576

■ 56, 31.510,
311.056

■ 62, 20.594,
310.551

■ 67, 9.922, 310.073

Harmonies

Complementary

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



28, 94.261, 312.352



64, 83.179, 128.512

Rectangle

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



28, 94.261, 312.352



28, 94.261, 2.352



28, 94.261, 132.352



28, 94.261, 182.352

Sweetspot

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



28, 94.261, 312.353



71, 39.583, 311.106



38, 56.293, 285.329



35, 27.091, 311.320



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



28, 94.261, 312.353



37, 114.968, 312.140



42, 86.617, 328.897



35, 5.930, 310.063



24, 84.778, 312.463



1, 13.880, 305.803

Inverse Universe

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



38, 64.207, 3.312



49, 78.031, 4.342



63, 90.613, 136.177



35, 4.702, 345.324



32, 57.798, 2.933



2, 10.503, 350.823

Previews

White Background



This preview shows how the CIELCh color 28, 94.261, 312.352 looks on a white background.

Color Contrast Check

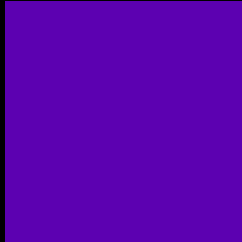
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.261, 312.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

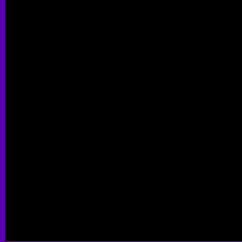
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 94.261, 312.352

Background



This preview shows how black text looks on a background with the CIELCh color 28, 94.261, 312.352.



This preview shows how white text looks on a background with the CIELCh color 28, 94.261, 312.352.

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

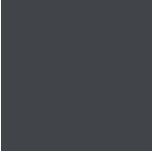
28, 94.261, 312.352

Protanopia

29, 47.219, 285.346

Deuteranopia

29, 32.757, 270.687



Tritanopia
29, 3.606, 262.701

Trichromacy



Original Color
28, 94.261, 312.352

Protanomaly
25, 71.222, 301.038

Deuteranomaly
24, 61.765, 299.082

Tritanomaly
25, 44.537, 310.860

Monochromacy



Original Color
28, 94.261, 312.352

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 43.667, 312.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 94.261, 312.352 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(92, 1, 177)` looks like.

```
.text, #text, p{  
    color:rgb(92, 1, 177)  
}
```

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(92, 1, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 1, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 94.261, 312.352 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(92, 1, 177) }
```

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

```
.border{ border-color:rgb(92, 1, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 1, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 1, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 1, 177);  
box-shadow:4px 4px 4px 4px rgb(92, 1, 177)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 94.261, 312.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 1, 177) }
```

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

```
.background{ background-color: rgb(92, 1,  
177) }
```

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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