

Converting Colors

CIELCh(30, 102.292, 308.906)

Have a look what the booklet for
CIELCh(30, 102.292, 308.906)
contains.

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Color

CIELCh(30, 102.095, 308.919)

Conversions

Conversions Part 1

Format	Color
Hex	4F13C7
RGB	79, 19, 199
RGB Percent	31%, 7%, 78%
CMY	0.6907, 0.9261, 0.2200
CMYK	0.60, 0.91, 0.00, 0.22
HSL	260°, 83%, 43%
HSV	260°, 91%, 78%
XYZ	13.7401, 6.2359, 54.4453
YIQ	57.4600, -22.0200, 68.7000

Conversions

Conversions Part 2

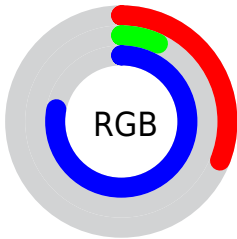
Format	Color
R _Y B	79, 19, 199
Decimal	5182407
CIE Lab	30.00, 64.14, -79.43
CIE LCh	30, 102.095, 308.919
Yxy	6.2359, 0.1846, 0.0838
Android (android.graphics.Color)	4283372487 (0xFF4F13C7)
YUV	57.4600, 69.7792, 18.8906
Hunter-Lab	24.9718, 54.5145, -111.7881

Details

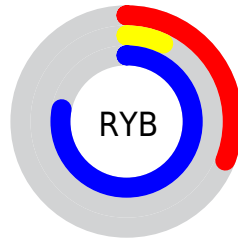
The CIELCh color **30, 102.095, 308.919** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **74, 82.840, 120.608**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 101.070, 308.971**, and **15, 86.986, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **28, 107.125, 308.738**, and if you desaturate by 10%, it is **34, 94.075, 308.740**.

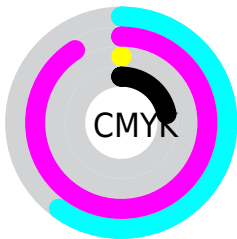
Distribution



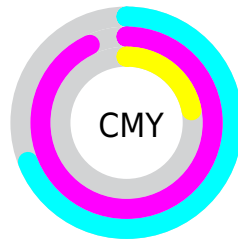
- Red (31%)
- Green (7%)
- Blue (78%)



- Red (31%)
- Yellow (7%)
- Blue (78%)



- Cyan (60%)
- Magenta (91%)
- Yellow (0%)
- Black (22%)





- Cyan (69%)
- Magenta (93%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 102.095, 308.919 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 30, 102.095, 308.919 by changing the saturation by 10% instead.


 30, 102.095,
308.919


 30, 102.095,
308.919


 100, 102.095,
308.919


 20, 102.095,
308.919


 50, 102.095,
308.919


 10, 102.095,
308.919

 60, 102.095,
308.919

 0, 102.095,
308.919

 70, 102.095,
308.919

 80, 102.095,
308.919

 90, 102.095,
308.919

■ 30, 102.095,
308.919

■ 30, 102.095,
308.919

■ 28, 107.125,
308.738

■ 34, 94.075,
308.740

■ 38, 83.638,
308.191

■ 44, 71.864,
307.438

■ 49, 59.550,
306.607

■ 55, 47.177,
305.778

■ 61, 35.002,
304.995

■ 68, 23.150,
304.280

■ 74, 11.671,

303.638

■ 80, 0.580, 302.975

Harmonies

Complementary

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



30, 102.095, 308.919



74, 82.840, 120.608

Rectangle

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



30, 102.095, 308.919



30, 102.095, 358.919



30, 102.095, 128.919



30, 102.095, 178.919

Sweetspot

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



30, 102.096, 308.920



80, 37.690, 304.764



55, 40.435, 257.637



40, 25.539, 305.021



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



30, 102.096, 308.920



36, 129.399, 308.598



43, 94.690, 322.212



39, 6.277, 303.569



22, 92.339, 308.878



2, 21.874, 300.521

Inverse Universe

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



45, 74.289, 345.502



56, 90.102, 347.941



71, 94.953, 134.869



39, 5.842, 336.292



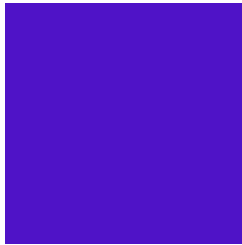
36, 64.887, 347.182



4, 20.003, 342.641

Previews

White Background



This preview shows how the CIE LCh color 30, 102.095, 308.919 looks on a white background.

Color Contrast Check

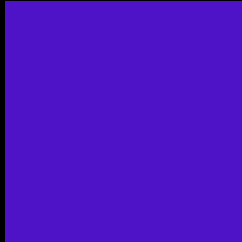
Large Text (above 18pt) WCAG AA ✓ Pass

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 30, 102.095, 308.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

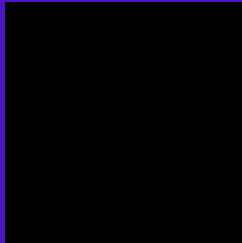
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 102.095, 308.919

Background



This preview shows how black text looks on a background with the CIELCh color 30, 102.095, 308.919.



This preview shows how white text looks on a background with the CIELCh color 30, 102.095, 308.919.

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

30, 102.095, 308.919

Protanopia

30, 48.785, 285.433

Deuteranopia

30, 33.311, 270.184



Tritanopia
30, 18.296, 209.204

Trichromacy



Original Color
30, 102.095, 308.919

Protanomaly
28, 72.278, 299.043

Deuteranomaly
27, 62.185, 296.538

Tritanomaly
27, 44.766, 293.465

Monochromacy



Original Color
30, 102.095, 308.919

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 43.902, 307.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 102.095, 308.919 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, 19, 199)` looks like.

```
.text, #text, p{  
  color:rgb(79, 19, 199)  
}
```

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, 19, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 19, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 102.095, 308.919 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, 19, 199) }
```

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

```
.border{ border-color:rgb(79, 19, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 19, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 19, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 19, 199);  
box-shadow:4px 4px 4px 4px rgb(79, 19,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 102.095, 308.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 19, 199) }
```

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

```
.background{ background-color: rgb(79, 19,  
199) }
```

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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