

Converting Colors

CIELCh(32, 120.022, 308.257)

Have a look what the booklet for
CIELCh(32, 120.022, 308.257)
contains.

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Color

CIELCh(32, 119.973, 308.280)

Conversions

Conversions Part 1	
Format	Color
Hex	4701E6
RGB	71, 1, 230
RGB Percent	28%, 0%, 90%
CMY	0.7211, 0.9956, 0.0978
CMYK	0.69, 1.00, 0.00, 0.10
HSL	258°, 99%, 45%
HSV	258°, 100%, 90%
XYZ	16.9110, 7.0852, 75.3916
YIQ	48.0360, -31.7890, 86.0590

Conversions

Conversions Part 2

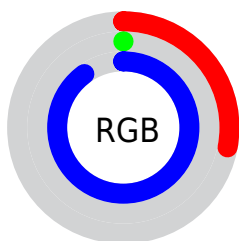
Format	Color
RYB	71, 1, 230
Decimal	4653542
CIELab	32.00, 74.32, -94.18
CIELCh	32, 119.973, 308.280
Yxy	7.0852, 0.1702, 0.0713
Android (android.graphics.Color)	4282843622 (0xFF4701E6)
YUV	48.0360, 89.7083, 20.1394
Hunter-Lab	26.6180, 66.8236, -149.2978

Details

The CIELCh color **32, 119.973, 308.280** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **84, 94.721, 120.308**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 103.559, 309.495**, and **20, 100.044, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 120.222, 308.273**, and if you desaturate by 10%, it is **35, 114.242, 308.459**.

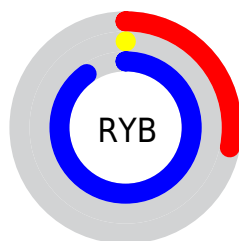
Distribution



 Red (28%)

 Green (0%)

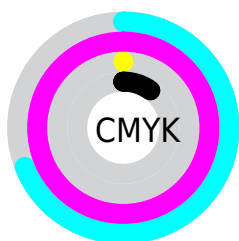
 Blue (90%)




 Red (28%)

 Yellow (0%)

 Blue (90%)

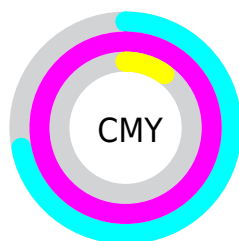



 Cyan (69%)


 Magenta (100%)

 Yellow (0%)

 Black (10%)



 Cyan (72%)


 Magenta (100%)


 Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 119.973, 308.280 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 32, 119.973, 308.280 by changing the saturation by 10% instead.


 32, 119.973,
308.280


 32, 119.973,
308.280


 100, 119.973,
308.280


 22, 119.973,
308.280


 52, 119.973,
308.280


 12, 119.973,
308.280


 62, 119.973,
308.280


 2, 119.973,
308.280


 72, 119.973,
308.280


 0, 119.973,
308.280


 82, 119.973,
308.280


 92, 119.973,
308.280

 32, 119.973,
308.280


 32, 119.973,
308.280

 32, 120.222,
308.273


 35, 114.242,
308.459

 39, 104.963,
308.175

 44, 92.968,
307.517

 50, 79.536,
306.662

 57, 65.577,
305.744

 64, 51.621,
304.844

 71, 37.939,
304.006

 78, 24.654,

303.248

85, 11.811,
302.573

Harmonies

Complementary

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



32, 119.973, 308.280



84, 94.721, 120.308

Rectangle

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



32, 119.973, 308.280



32, 119.973, 358.280



32, 119.973, 128.280



32, 119.973, 178.280

Sweetspot

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



32, 119.975, 308.281



77, 41.967, 304.059



63, 45.484, 256.661



38, 28.834, 304.407



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



32, 119.975, 308.281



36, 130.035, 308.223



47, 108.877, 320.630



44, 7.037, 302.569



24, 99.236, 308.424



3, 34.502, 304.397

Inverse Universe

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



51, 84.855, 345.529



57, 91.631, 345.760



80, 108.838, 134.768



45, 6.704, 335.135



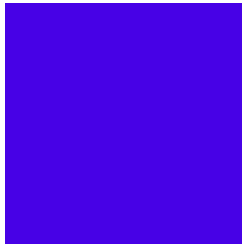
40, 70.412, 345.250



7, 30.425, 341.905

Previews

White Background



This preview shows how the CIELCh color 32, 119.973, 308.280 looks on a white background.

Color Contrast Check

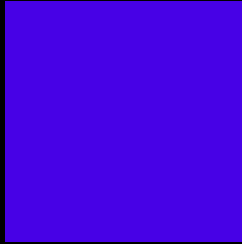
Large Text (above 18pt) WCAG AA ✓ Pass

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 32, 119.973, 308.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

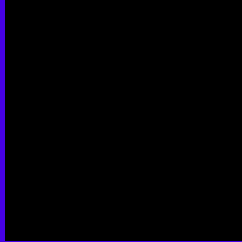
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 119.973, 308.280

Background



This preview shows how black text looks on a background with the CIELCh color 32, 119.973, 308.280.



This preview shows how white text looks on a background with the CIELCh color 32, 119.973, 308.280.

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

32, 119.973, 308.280

Protanopia

32, 51.367, 285.565

Deuteranopia

32, 35.455, 271.014



Tritanopia
32, 21.882, 204.990

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 119.973, 308.280 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(71, 1, 230)` looks like.

```
.text, #text, p{  
    color:rgb(71, 1, 230)  
}
```

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(71, 1, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 1, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 119.973, 308.280 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(71, 1, 230) }
```

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

```
.border{ border-color:rgb(71, 1, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 1, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 1, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 1, 230);  
box-shadow:4px 4px 4px 4px rgb(71, 1, 230)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 119.973, 308.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(71, 1, 230) }
```

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

```
.background{ background-color:rgb(71, 1,  
230) }
```

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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