

Converting Colors

CIELCh(34, 123.652, 308.489)

Have a look what the booklet for
CIELCh(34, 123.652, 308.489)
contains.

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Color

CIELCh(34, 123.774, 308.490)

Conversions

Conversions Part 1

Format	Color
Hex	4F01F1
RGB	79, 1, 241
RGB Percent	31%, 0%, 95%
CMY	0.6918, 0.9946, 0.0561
CMYK	0.67, 0.99, 0.00, 0.06
HSL	259°, 99%, 47%
HSV	259°, 99%, 94%
XYZ	19.0386, 8.0082, 83.5299
YIQ	51.6820, -30.5520, 91.1760

Conversions

Conversions Part 2

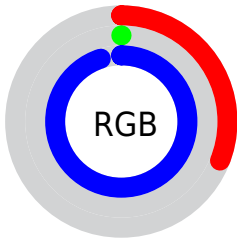
Format	Color
R_{YB}	79, 1, 241
Decimal	5177841
CIE _{Lab}	34.00, 77.03, -96.88
CIE _{LCh}	34, 123.774, 308.490
Yxy	8.0082, 0.1722, 0.0724
Android (android.graphics.Color)	4283367921 (0xFF4F01F1)
YUV	51.6820, 93.3338, 23.9579
Hunter-Lab	28.2988, 70.5667, -155.1978

Details

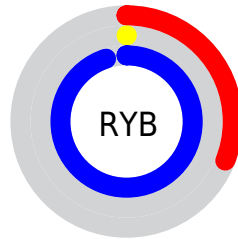
The CIELCh color **34, 123.774, 308.490** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **87, 98.540, 121.144**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 101.797, 310.287**, and **22, 104.301, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **34, 124.063, 308.477**, and if you desaturate by 10%, it is **37, 118.001, 308.738**.

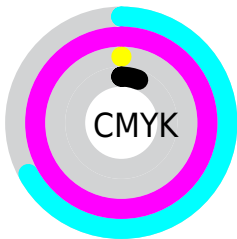
Distribution



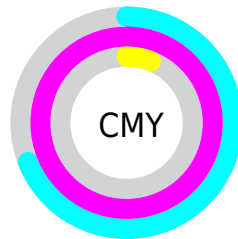
- Red (31%)
- Green (0%)
- Blue (95%)



- Red (31%)
- Yellow (0%)
- Blue (95%)



- Cyan (67%)
- Magenta (99%)
- Yellow (0%)
- Black (6%)





- Cyan (69%)
- Magenta (99%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 123.774, 308.490 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 34, 123.774, 308.490 by changing the saturation by 10% instead.


 34, 123.774,
308.490


 34, 123.774,
308.490


 100, 123.774,
308.490


 24, 123.774,
308.490


 54, 123.774,
308.490


 14, 123.774,
308.490


 64, 123.774,
308.490

 4, 123.774,
308.490

 74, 123.774,
308.490

 0, 123.774,
308.490

 84, 123.774,
308.490

 94, 123.774,
308.490

■ 34, 123.774,
308.490

■ 34, 123.774,
308.490

■ 34, 124.063,
308.477

■ 37, 118.001,
308.738

■ 41, 108.527,
308.516

■ 47, 96.219,
307.918

■ 53, 82.381,
307.118

■ 60, 67.956,
306.246

■ 67, 53.501,
305.384

■ 74, 39.309,
304.577

■ 81, 25.514,

303.843

■ 88, 12.170,
303.188

Harmonies

Complementary

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



34, 123.774, 308.490



87, 98.540, 121.144

Rectangle

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



34, 123.774, 308.490



34, 123.774, 358.490



34, 123.774, 128.490



34, 123.774, 178.490

Sweetspot

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



34, 123.776, 308.491



77, 42.038, 304.628



64, 48.440, 259.811



38, 28.877, 304.964



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



34, 123.776, 308.491



36, 129.650, 308.448



50, 112.379, 321.212



46, 7.310, 303.191



25, 101.055, 308.637



4, 38.879, 306.636

Inverse Universe

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



53, 86.847, 346.877



56, 90.677, 347.083



84, 112.900, 134.969



47, 6.865, 335.848



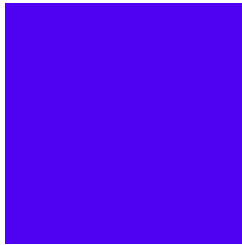
41, 71.126, 346.579



9, 31.946, 343.274

Previews

White Background



This preview shows how the CIELCh color 34, 123.774, 308.490 looks on a white background.

Color Contrast Check

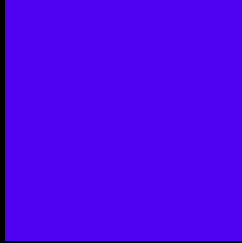
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 123.774, 308.490 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 34, 123.774, 308.490

Background



This preview shows how black text looks on a background with the CIELCh color 34, 123.774, 308.490.



This preview shows how white text looks on a background with the CIELCh color 34, 123.774,

308.490.

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


34, 123.919, 308.519

Protanopia

34, 53.984, 285.950

Deuteranopia

34, 36.530, 270.468



Tritanopia
34, 22.703, 206.249

Trichromacy



Original Color
34, 123.919, 308.519

Protanomaly
30, 87.697, 301.171

Deuteranomaly
29, 76.506, 299.129

Tritanomaly
28, 58.257, 294.626

Monochromacy



Original Color
34, 123.919, 308.519

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 56.911, 307.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 123.774, 308.490 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, 1, 241)` looks like.

```
.text, #text, p{  
    color:rgb(79, 1, 241)  
}
```

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, 1, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 1, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 123.774, 308.490 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, 1, 241) }
```

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

```
.border{ border-color:rgb(79, 1, 241) }
```

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

Here you see how a box with a 4 pixel rgb(79, 1, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 1, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 1, 241);  
box-shadow:4px 4px 4px 4px rgb(79, 1, 241)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 123.774, 308.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 1, 241) }
```

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

```
.background{ background-color: rgb(79, 1,  
241) }
```

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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