

Converting Colors

CIELCh(32, 122.318, 305.094)

Have a look what the booklet for
CIELCh(32, 122.318, 305.094)
contains.

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Color

CIELCh(32, 122.259, 305.108)

Conversions

Conversions Part 1

Format	Color
Hex	051AF0
RGB	5, 26, 240
RGB Percent	2%, 10%, 94%
CMY	0.9788, 0.8973, 0.0581
CMYK	0.98, 0.89, 0.00, 0.06
HSL	235°, 96%, 48%
HSV	235°, 98%, 94%
XYZ	16.1978, 7.0852, 83.1037
YIQ	44.1170, -81.2100, 62.1020

Conversions

Conversions Part 2

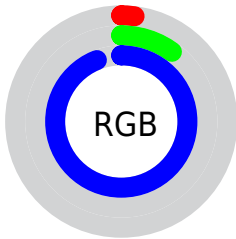
Format	Color
R _Y B	5, 24, 240
Decimal	334576
CIE Lab	32.00, 70.31, -100.02
CIE LCh	32, 122.259, 305.108
Yxy	7.0852, 0.1523, 0.0666
Android (android.graphics.Color)	4278524656 (0xFF051AF0)
YUV	44.1170, 96.5703, -34.3056
Hunter-Lab	26.6180, 62.0408, -166.4761

Details

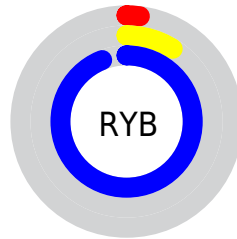
The CIELCh color **32, 122.259, 305.108** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **87, 86.547, 96.890**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **48, 99.797, 305.267**, and **21, 103.878, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **31, 123.781, 305.384**, and if you desaturate by 10%, it is **35, 112.956, 303.339**.

Distribution



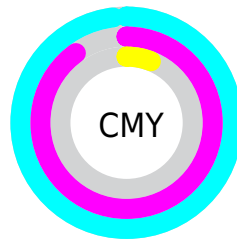
- Red (2%)
- Green (10%)
- Blue (94%)



- Red (2%)
- Yellow (9%)
- Blue (94%)



- Cyan (98%)
- Magenta (89%)
- Yellow (0%)
- Black (6%)





- Cyan (98%)
- Magenta (90%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 122.259, 305.108 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, 122.259, 305.108 by changing the saturation by 10% instead.


 32, 122.259,
305.108


 32, 122.259,
305.108


 100, 122.259,
305.108


 22, 122.259,
305.108


 52, 122.259,
305.108


 12, 122.259,
305.108


 62, 122.259,
305.108

 2, 122.259,
305.108

 72, 122.259,
305.108

 0, 122.259,
305.108

 82, 122.259,
305.108

 92, 122.259,
305.108

■ 32, 122.259,
305.108

■ 32, 122.259,
305.108

■ 31, 123.781,
305.384

■ 35, 112.956,
303.339

■ 40, 100.519,
301.012

■ 46, 86.689,
298.464

■ 53, 72.625,
295.967

■ 60, 58.872,
293.681

■ 67, 45.612,
291.669

■ 75, 32.875,
289.936

■ 82, 20.635,

288.459

■ 89, 8.854, 287.209

Harmonies

Complementary

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



32, 122.259, 305.108



87, 86.547, 96.890

Rectangle

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



32, 122.259, 305.108



32, 122.259, 355.108



32, 122.259, 125.108



32, 122.259, 175.108

Sweetspot

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



32, 122.261, 305.109



78, 36.152, 290.153



86, 52.448, 182.328



38, 25.016, 290.876



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, 122.261, 305.109



34, 129.711, 305.426



36, 120.975, 309.798



46, 6.496, 287.409



23, 100.338, 305.145



4, 35.483, 297.156

Inverse Universe

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



50, 94.831, 36.322



53, 100.828, 37.223



86, 100.403, 124.351



47, 5.017, 12.788



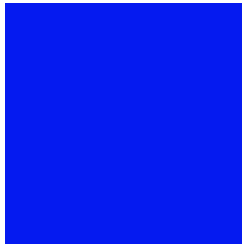
38, 77.985, 36.390



8, 29.398, 20.223

Previews

White Background



This preview shows how the CIE LCh color 32, 122.259, 305.108 looks on a white background.

Color Contrast Check

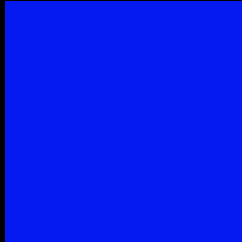
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122.259, 305.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

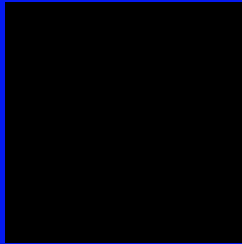
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 122.259, 305.108

Background



This preview shows how black text looks on a background with the CIELCh color 32, 122.259, 305.108.



This preview shows how white text looks on a background with the CIELCh color 32, 122.259, 305.108.

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, 122.244, 305.117

Protanopia

32, 50.272, 285.223

Deuteranopia

32, 34.918, 271.109



Tritanopia
32, 21.612, 203.376

Trichromacy



Original Color
32, 122.244, 305.117

Protanomaly
30, 80.000, 298.183

Deuteranomaly
29, 69.565, 295.518

Tritanomaly
28, 52.259, 289.139

Monochromacy



Original Color
32, 122.244, 305.117

Achromatopsia
18, 0.003, 296.813

Achromatomaly
20, 51.667, 298.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 122.259, 305.108 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(5, 26, 240)` looks like.

```
.text, #text, p{  
    color:rgb(5, 26, 240)  
}
```

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(5, 26, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 26, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 122.259, 305.108 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(5, 26, 240) }
```

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

```
.border{ border-color:rgb(5, 26, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 26, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 26, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 26, 240);  
box-shadow:4px 4px 4px 4px rgb(5, 26, 240)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 122.259, 305.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 26, 240) }
```

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

```
.background{ background-color: rgb(5, 26,  
240) }
```

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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