

Converting Colors

CIELCh(32, 131.919, 306.269)

Have a look what the booklet for
CIELCh(32, 131.919, 306.269)
contains.

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Color

CIELCh(32, 131.785, 306.278)

Conversions

Conversions Part 1

Format	Color
Hex	0902FB
RGB	9, 2, 251
RGB Percent	4%, 1%, 98%
CMY	0.9663, 0.9908, 0.0148
CMYK	0.97, 0.99, 0.00, 0.01
HSL	242°, 98%, 50%
HSV	242°, 99%, 99%
XYZ	17.5787, 7.0852, 91.8841
YIQ	32.4790, -75.7570, 78.9230

Conversions

Conversions Part 2

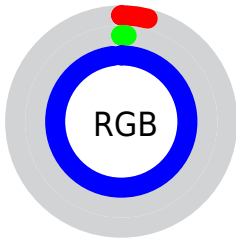
Format	Color
R _Y B	9, 2, 251
Decimal	590587
CIE Lab	32.00, 77.98, -106.24
CIE LCh	32, 131.785, 306.278
Yxy	7.0852, 0.1508, 0.0608
Android (android.graphics.Color)	4278780667 (0xFF0902FB)
YUV	32.4790, 107.7309, -20.5911
Hunter-Lab	26.6180, 71.3016, -186.0341

Details

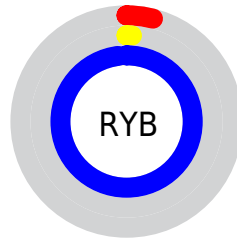
The CIELCh color **32, 131.785, 306.278** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **95, 95.708, 104.434**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 104.431, 306.900**, and **23, 108.096, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 132.197, 306.337**, and if you desaturate by 10%, it is **34, 126.004, 305.538**.

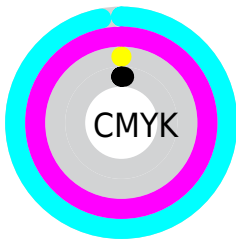
Distribution



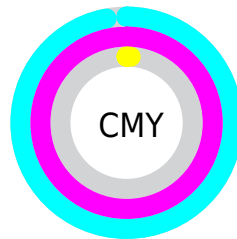
- Red (4%)
- Green (1%)
- Blue (98%)



- Red (4%)
- Yellow (1%)
- Blue (98%)



- Cyan (97%)
- Magenta (99%)
- Yellow (0%)
- Black (1%)





- Cyan (97%)
- Magenta (99%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 131.785, 306.278 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, 131.785, 306.278 by changing the saturation by 10% instead.


 32, 131.785,
306.278


 32, 131.785,
306.278


 100, 131.785,
306.278


 22, 131.785,
306.278


 52, 131.785,
306.278


 12, 131.785,
306.278


 62, 131.785,
306.278

 2, 131.785,
306.278

 72, 131.785,
306.278

 0, 131.785,
306.278

 82, 131.785,
306.278

 92, 131.785,
306.278

■ 32, 131.785,
306.278

■ 32, 131.785,
306.278

■ 32, 132.197,
306.337

■ 34, 126.004,
305.538

■ 39, 115.132,
304.086

■ 44, 100.872,
302.142

■ 52, 85.267,
300.039

■ 59, 69.536,
298.015

■ 67, 54.213,
296.186

■ 75, 39.476,
294.592

■ 83, 25.351,

293.227

■ 91, 11.811,
292.070

Harmonies

Complementary

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



32, 131.785, 306.278



95, 95.708, 104.434

Rectangle

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



32, 131.785, 306.278



32, 131.785, 356.278



32, 131.785, 126.278



32, 131.785, 176.278

Sweetspot

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



32, 131.788, 306.279



75, 41.332, 294.735



89, 48.337, 199.043



37, 28.456, 295.388



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, 131.788, 306.279



32, 133.707, 306.337



41, 122.788, 312.132



48, 7.383, 292.115



23, 106.582, 306.359



3, 42.100, 301.369

Inverse Universe

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



59, 111.863, 329.260



60, 113.276, 329.274



89, 108.450, 128.786



49, 8.758, 325.624



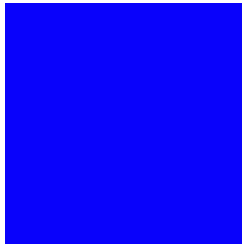
45, 90.362, 329.255



11, 40.985, 329.123

Previews

White Background



This preview shows how the CIE LCh color 32, 131.785, 306.278 looks on a white background.

Color Contrast Check

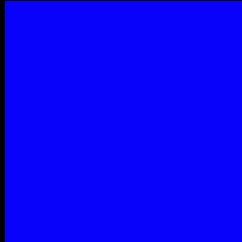
Large Text (above 18pt) WCAG AA ✓ Pass

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, 131.785, 306.278 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, 131.785, 306.278

Background



This preview shows how black text looks on a background with the CIELCh color 32, 131.785, 306.278.



This preview shows how white text looks on a background with the CIELCh color 32, 131.785, 306.278.

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, 131.751, 306.294

Protanopia

32, 51.434, 285.850

Deuteranopia

32, 34.923, 270.721



Tritanopia
32, 22.088, 201.490

Trichromacy



Original Color
32, 131.751, 306.294

Protanomaly
29, 88.310, 300.777

Deuteranomaly
28, 78.339, 298.910

Tritanomaly
26, 59.460, 293.588

Monochromacy



Original Color
32, 131.751, 306.294

Achromatopsia
13, 0.003, 296.813

Achromatomaly
15, 60.764, 303.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 131.785, 306.278 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(9, 2, 251)` looks like.

```
.text, #text, p{  
    color:rgb(9, 2, 251)  
}
```

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(9, 2, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 2, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 131.785, 306.278 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(9, 2, 251) }
```

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

```
.border{ border-color:rgb(9, 2, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 2, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 2, 251); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 2, 251); box-shadow:4px  
4px 4px 4px rgb(9, 2, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 131.785, 306.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 2, 251) }
```

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

```
.background{ background-color: rgb(9, 2,  
251) }
```

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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