

Converting Colors

CIELCh(32, 130.956, 306.227)

Have a look what the booklet for
CIELCh(32, 130.956, 306.227)
contains.

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Color

CIELCh(32, 130.843, 306.213)

Conversions

Conversions Part 1

Format	Color
Hex	0B05FA
RGB	11, 5, 250
RGB Percent	4%, 2%, 98%
CMY	0.9559, 0.9803, 0.0195
CMYK	0.96, 0.98, 0.00, 0.02
HSL	242°, 96%, 50%
HSV	242°, 98%, 98%
XYZ	17.4537, 7.0852, 90.9080
YIQ	34.7240, -75.0690, 77.4670

Conversions

Conversions Part 2

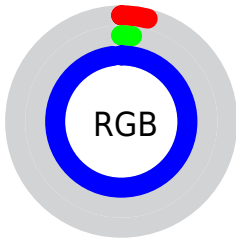
Format	Color
R _Y B	11, 5, 250
Decimal	722426
CIE Lab	32.00, 77.30, -105.57
CIE LCh	32, 130.843, 306.213
Yxy	7.0852, 0.1512, 0.0614
Android (android.graphics.Color)	4278912506 (0xFF0B05FA)
YUV	34.7240, 106.1311, -20.8059
Hunter-Lab	26.6180, 70.4630, -183.8599

Details

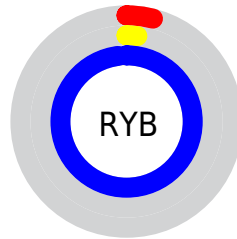
The CIELCh color **32, 130.843, 306.213** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **95, 95.177, 104.454**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 103.918, 306.781**, and **23, 108.096, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 131.720, 306.338**, and if you desaturate by 10%, it is **34, 124.602, 305.416**.

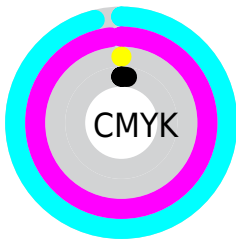
Distribution



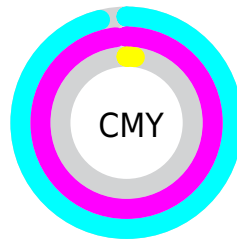
- Red (4%)
- Green (2%)
- Blue (98%)



- Red (4%)
- Yellow (2%)
- Blue (98%)



- Cyan (96%)
- Magenta (98%)
- Yellow (0%)
- Black (2%)





- Cyan (96%)
- Magenta (98%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 130.843, 306.213 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, 130.843, 306.213 by changing the saturation by 10% instead.


 32, 130.843,
306.213


 32, 130.843,
306.213


 100, 130.843,
306.213


 22, 130.843,
306.213


 52, 130.843,
306.213


 12, 130.843,
306.213


 62, 130.843,
306.213

 2, 130.843,
306.213

 72, 130.843,
306.213

 0, 130.843,
306.213

 82, 130.843,
306.213

 92, 130.843,
306.213

■ 32, 130.843,
306.213

■ 32, 130.843,
306.213

■ 32, 131.720,
306.338

■ 34, 124.602,
305.416

■ 39, 113.293,
303.896

■ 45, 98.858,
301.922

■ 52, 83.256,
299.821

■ 60, 67.613,
297.815

■ 68, 52.408,
296.013

■ 76, 37.793,
294.446

■ 84, 23.787,

293.106

■ 92, 10.359,
291.970

Harmonies

Complementary

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



32, 130.843, 306.213



95, 95.177, 104.454

Rectangle

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



32, 130.843, 306.213



32, 130.843, 356.213



32, 130.843, 126.213



32, 130.843, 176.213

Sweetspot

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



32, 130.846, 306.214



76, 39.869, 294.597



88, 48.120, 199.019



37, 27.609, 295.248



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, 130.846, 306.214



32, 133.706, 306.337



41, 121.902, 312.209



48, 7.383, 292.128



23, 106.580, 306.360



3, 42.101, 301.376

Inverse Universe

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



59, 111.275, 329.259



60, 113.246, 329.289



88, 107.685, 128.658



49, 8.756, 325.634



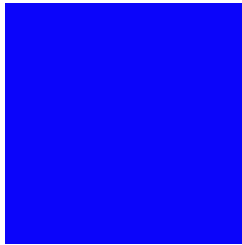
45, 90.338, 329.269



11, 40.976, 329.135

Previews

White Background



This preview shows how the CIE LCh color 32, 130.843, 306.213 looks on a white background.

Color Contrast Check

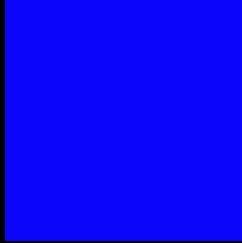
Large Text (above 18pt) WCAG AA ✓ Pass

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, 130.843, 306.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

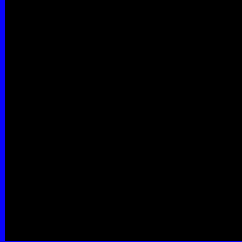
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 130.843, 306.213

Background



This preview shows how black text looks on a background with the CIELCh color 32, 130.843, 306.213.



This preview shows how white text looks on a background with the CIELCh color 32, 130.843, 306.213.

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, 130.843, 306.213

Protanopia

32, 50.853, 285.540

Deuteranopia

32, 34.923, 270.721



Tritanopia
32, 21.794, 203.303

Trichromacy



Original Color
32, 130.843, 306.213

Protanomaly
29, 87.168, 300.520

Deuteranomaly
28, 77.682, 298.666

Tritanomaly
26, 59.451, 293.643

Monochromacy



Original Color
32, 130.843, 306.213

Achromatopsia
14, 0.003, 296.813

Achromatomaly
16, 60.025, 303.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 130.843, 306.213 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(11, 5, 250)` looks like.

```
.text, #text, p{  
    color:rgb(11, 5, 250)  
}
```

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(11, 5, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 5, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 130.843, 306.213 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(11, 5, 250) }
```

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

```
.border{ border-color:rgb(11, 5, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 5, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 5, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 5, 250);  
box-shadow:4px 4px 4px 4px rgb(11, 5, 250)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 130.843, 306.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 5, 250) }
```

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

```
.background{ background-color: rgb(11, 5,  
250) }
```

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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