

Converting Colors

CIELCh(32, 129.141, 305.945)

Have a look what the booklet for
CIELCh(32, 129.141, 305.945)
contains.

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Color

CIELCh(32, 129.001, 305.933)

Conversions

Conversions Part 1

Format	Color
Hex	060CF8
RGB	6, 12, 248
RGB Percent	2%, 5%, 97%
CMY	0.9749, 0.9528, 0.0273
CMYK	0.97, 0.95, 0.00, 0.03
HSL	239°, 95%, 50%
HSV	239°, 97%, 97%
XYZ	17.1610, 7.0852, 89.3029
YIQ	37.1100, -79.3320, 72.1240

Conversions

Conversions Part 2

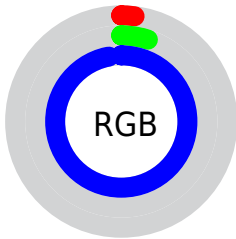
Format	Color
RYB	6, 12, 248
Decimal	396536
CIELab	32.00, 75.70, -104.45
CIELCh	32, 129.001, 305.933
Yxy	7.0852, 0.1511, 0.0624
Android (android.graphics.Color)	4278586616 (0xFF060CF8)
YUV	37.1100, 103.9688, -27.2835
Hunter-Lab	26.6180, 68.5000, -180.2846

Details

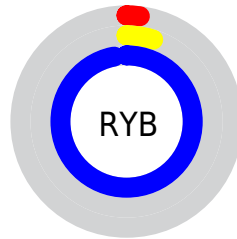
The CIELCh color **32, 129.001, 305.933** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **93, 92.815, 101.405**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 102.918, 306.419**, and **23, 107.256, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 130.111, 306.092**, and if you desaturate by 10%, it is **35, 121.668, 304.789**.

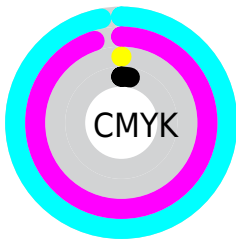
Distribution



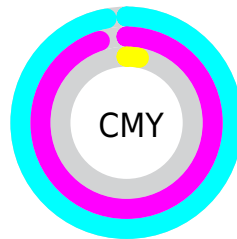
- Red (2%)
- Green (5%)
- Blue (97%)



- Red (2%)
- Yellow (5%)
- Blue (97%)



- Cyan (97%)
- Magenta (95%)
- Yellow (0%)
- Black (3%)





- Cyan (97%)
- Magenta (95%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 129.001, 305.933 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, 129.001, 305.933 by changing the saturation by 10% instead.


 32, 129.001,
305.933


 32, 129.001,
305.933


 100, 129.001,
305.933


 22, 129.001,
305.933


 52, 129.001,
305.933


 12, 129.001,
305.933


 62, 129.001,
305.933

 2, 129.001,
305.933

 72, 129.001,
305.933

 0, 129.001,
305.933

 82, 129.001,
305.933

 92, 129.001,
305.933

■ 32, 129.001,
305.933

■ 32, 129.001,
305.933

■ 32, 130.111,
306.092

■ 35, 121.668,
304.789

■ 39, 109.682,
302.927

■ 46, 95.151,
300.678

■ 53, 79.823,
298.368

■ 60, 64.626,
296.205

■ 68, 49.924,
294.283

■ 76, 35.814,
292.622

■ 84, 22.289,

291.208

■ 92, 9.313, 290.014

Harmonies

Complementary

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



32, 129.001, 305.933



93, 92.815, 101.405

Rectangle

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



32, 129.001, 305.933



32, 129.001, 355.933



32, 129.001, 125.933



32, 129.001, 175.933

Sweetspot

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



32, 129.004, 305.934



77, 38.867, 292.874



89, 50.242, 191.432



37, 26.912, 293.569



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, 129.004, 305.934



33, 132.901, 306.099



39, 122.190, 311.122



48, 7.204, 290.245



23, 105.647, 306.013



3, 41.337, 300.440

Inverse Universe

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



52, 100.230, 38.835



53, 103.660, 39.359



88, 105.109, 126.892



49, 5.166, 18.050



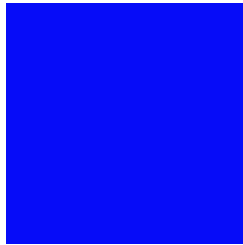
39, 82.343, 39.073



9, 32.024, 25.207

Previews

White Background



This preview shows how the CIELCh color 32, 129.001, 305.933 looks on a white background.

Color Contrast Check

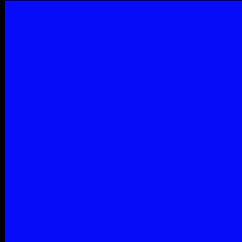
Large Text (above 18pt) WCAG AA ✓ Pass

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, 129.001, 305.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

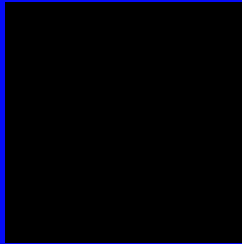
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 129.001, 305.933

Background



This preview shows how black text looks on a background with the CIELCh color 32, 129.001, 305.933.



This preview shows how white text looks on a background with the CIELCh color 32, 129.001, 305.933.

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, 129.001, 305.933

Protanopia

32, 50.853, 285.540

Deuteranopia

32, 34.398, 270.025



Tritanopia
32, 21.794, 203.303

Trichromacy



Original Color
32, 129.001, 305.933

Protanomaly
29, 85.353, 299.789

Deuteranomaly
28, 74.618, 297.525

Tritanomaly
27, 56.796, 291.940

Monochromacy



Original Color
32, 129.001, 305.933

Achromatopsia
15, 0.003, 296.813

Achromatomaly
17, 58.050, 301.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 129.001, 305.933 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(6, 12, 248)` looks like.

```
.text, #text, p{  
    color:rgb(6, 12, 248)  
}
```

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(6, 12, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 12, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 129.001, 305.933 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(6, 12, 248) }
```

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

```
.border{ border-color:rgb(6, 12, 248) }
```

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

Here you see how a box with a 4 pixel rgb(6, 12, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 12, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 12, 248);  
box-shadow:4px 4px 4px 4px rgb(6, 12, 248)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 129.001, 305.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 12, 248) }
```

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

```
.background{ background-color: rgb(6, 12,  
248) }
```

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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