

Converting Colors

CIELCh(32, 131.462, 306.436)

Have a look what the booklet for
CIELCh(32, 131.462, 306.436)
contains.

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Color

CIELCh(32, 131.292, 306.428)

Conversions

Conversions Part 1

Format	Color
Hex	1401FA
RGB	20, 1, 250
RGB Percent	8%, 0%, 98%
CMY	0.9225, 0.9951, 0.0190
CMYK	0.92, 1.00, 0.00, 0.02
HSL	244°, 99%, 49%
HSV	244°, 100%, 98%
XYZ	17.5760, 7.0852, 91.0101
YIQ	35.0670, -68.6050, 81.4670

Conversions

Conversions Part 2

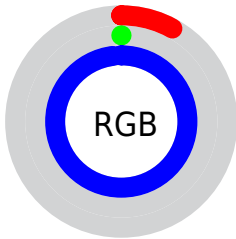
Format	Color
R_{YB}	20, 1, 250
Decimal	1311226
CIE Lab	32.00, 77.96, -105.64
CIE LCh	32, 131.292, 306.428
Yxy	7.0852, 0.1519, 0.0613
Android (android.graphics.Color)	4279501306 (0xFF1401FA)
YUV	35.0670, 105.9620, -13.2138
Hunter-Lab	26.6180, 71.2831, -184.0872

Details

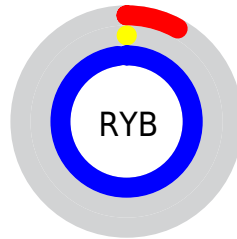
The CIELCh color **32, 131.292, 306.428** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **94, 95.824, 107.493**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 104.852, 307.247**, and **23, 108.096, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 131.522, 306.455**, and if you desaturate by 10%, it is **34, 125.507, 305.869**.

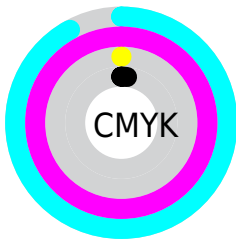
Distribution



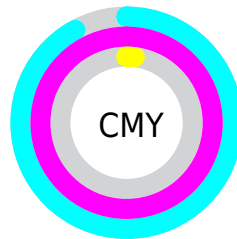
- Red (8%)
- Green (0%)
- Blue (98%)



- Red (8%)
- Yellow (0%)
- Blue (98%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





- Cyan (92%)
- Magenta (100%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 131.292, 306.428 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, 131.292, 306.428 by changing the saturation by 10% instead.


 32, 131.292,
306.428


 32, 131.292,
306.428


 100, 131.292,
306.428


 22, 131.292,
306.428


 52, 131.292,
306.428


 12, 131.292,
306.428


 62, 131.292,
306.428

 2, 131.292,
306.428

 72, 131.292,
306.428

 0, 131.292,
306.428

 82, 131.292,
306.428

 92, 131.292,
306.428

■ 32, 131.292,
306.428

■ 32, 131.292,
306.428

■ 32, 131.522,
306.455

■ 34, 125.507,
305.869

■ 39, 114.874,
304.664

■ 45, 100.905,
302.991

■ 52, 85.533,
301.150

■ 59, 69.951,
299.355

■ 67, 54.710,
297.718

■ 75, 40.012,
296.277

■ 83, 25.904,

295.034

■ 91, 12.369,
293.971

Harmonies

Complementary

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



32, 131.292, 306.428



94, 95.824, 107.493

Rectangle

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



32, 131.292, 306.428



32, 131.292, 356.428



32, 131.292, 126.428



32, 131.292, 176.428

Sweetspot

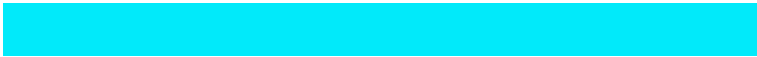
The Sweet Spot groups the original color and five complimentary colors.



32, 131.295, 306.429



76, 41.373, 296.348



85, 45.284, 207.904



37, 28.478, 296.936



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, 131.295, 306.429



33, 133.455, 306.452



42, 121.251, 313.346



48, 7.394, 293.971



23, 106.325, 306.508



3, 42.240, 302.430

Inverse Universe

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



58, 107.271, 331.480



59, 108.891, 331.501



88, 109.947, 130.318



49, 8.467, 327.030



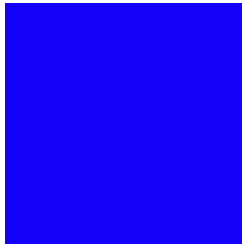
44, 86.926, 331.437



11, 39.620, 331.004

Previews

White Background



This preview shows how the CIE LCh color 32, 131.292, 306.428 looks on a white background.

Color Contrast Check

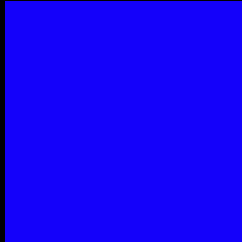
Large Text (above 18pt) WCAG AA ✓ Pass

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, 131.292, 306.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

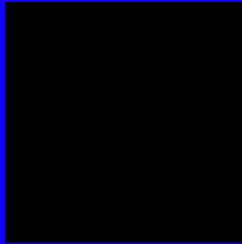
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 131.292, 306.428

Background



This preview shows how black text looks on a background with the CIELCh color 32, 131.292, 306.428.



This preview shows how white text looks on a background with the CIELCh color 32, 131.292, 306.428.

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, 131.265, 306.441

Protanopia

32, 51.434, 285.850

Deuteranopia

32, 34.923, 270.721



Tritanopia
32, 22.088, 201.490

Trichromacy



Original Color
32, 131.265, 306.441

Protanomaly
29, 88.263, 300.870

Deuteranomaly
28, 78.296, 299.032

Tritanomaly
26, 59.423, 293.807

Monochromacy



Original Color
32, 131.265, 306.441

Achromatopsia
14, 0.003, 296.813

Achromatomaly
16, 60.501, 303.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 131.292, 306.428 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(20, 1, 250)` looks like.

```
.text, #text, p{  
    color:rgb(20, 1, 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(20, 1, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 1, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 131.292, 306.428 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(20, 1, 250) }
```

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

```
.border{ border-color:rgb(20, 1, 250) }
```

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

Here you see how a box with a 4 pixel rgb(20, 1, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 1, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 1, 250);  
box-shadow:4px 4px 4px 4px rgb(20, 1, 250)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 131.292, 306.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 1, 250) }
```

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

```
.background{ background-color: rgb(20, 1,  
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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