

Converting Colors

CIELCh(32, 127.111, 307.011)

Have a look what the booklet for
CIELCh(32, 127.111, 307.011)
contains.

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Color

CIELCh(32, 127.135, 306.998)

Conversions

Conversions Part 1

Format	Color
Hex	2E02F3
RGB	46, 2, 243
RGB Percent	18%, 1%, 95%
CMY	0.8201, 0.9927, 0.0473
CMYK	0.81, 0.99, 0.00, 0.05
HSL	251°, 98%, 48%
HSV	251°, 99%, 95%
XYZ	17.3081, 7.0852, 85.1955
YIQ	42.6300, -51.1370, 84.2790

Conversions

Conversions Part 2

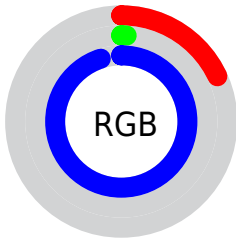
Format	Color
RYB	46, 2, 243
Decimal	3015411
CIELab	32.00, 76.51, -101.54
CIELCh	32, 127.135, 306.998
Yxy	7.0852, 0.1579, 0.0647
Android (android.graphics.Color)	4281205491 (0xFF2E02F3)
YUV	42.6300, 98.7824, 2.9555
Hunter-Lab	26.6180, 69.4867, -171.1355

Details

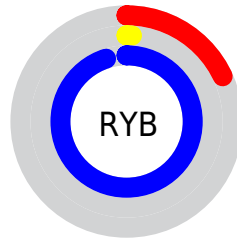
The CIELCh color **32, 127.135, 306.998** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **90, 95.389, 113.865**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **48, 104.051, 307.968**, and **22, 105.148, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 127.517, 307.013**, and if you desaturate by 10%, it is **35, 121.086, 306.796**.

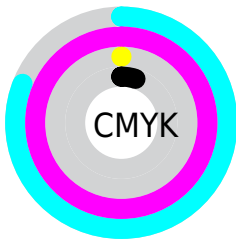
Distribution



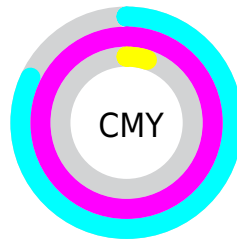
- Red (18%)
- Green (1%)
- Blue (95%)



- Red (18%)
- Yellow (1%)
- Blue (95%)



- Cyan (81%)
- Magenta (99%)
- Yellow (0%)
- Black (5%)





- Cyan (82%)
- Magenta (99%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 127.135, 306.998 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, 127.135, 306.998 by changing the saturation by 10% instead.


 32, 127.135,
306.998


 32, 127.135,
306.998


 100, 127.135,
306.998

 22, 127.135,
306.998


 52, 127.135,
306.998


 12, 127.135,
306.998


 62, 127.135,
306.998

 2, 127.135,
306.998

 72, 127.135,
306.998

 0, 127.135,
306.998

 82, 127.135,
306.998

 92, 127.135,
306.998

■ 32, 127.135,
306.998

■ 32, 127.135,
306.998

■ 32, 127.517,
307.013

■ 35, 121.086,
306.796

■ 39, 110.780,
306.039

■ 45, 97.511,
304.879

■ 52, 82.886,
303.550

■ 59, 67.938,
302.216

■ 66, 53.195,
300.969

■ 74, 38.887,
299.848

■ 81, 25.092,

298.863

■ 89, 11.821,
298.008

Harmonies

Complementary

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



32, 127.135, 306.998



90, 95.389, 113.865

Rectangle

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



32, 127.135, 306.998



32, 127.135, 356.998



32, 127.135, 126.998



32, 127.135, 176.998

Sweetspot

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



32, 127.137, 306.999



76, 41.566, 299.937



75, 41.939, 228.656



37, 28.591, 300.399



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, 127.137, 306.999



34, 132.316, 306.998



45, 116.047, 316.213



47, 7.320, 298.028



23, 104.267, 307.114



3, 40.454, 303.854

Inverse Universe

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



55, 96.379, 337.226



58, 99.983, 337.331



85, 110.397, 132.673



48, 7.717, 330.487



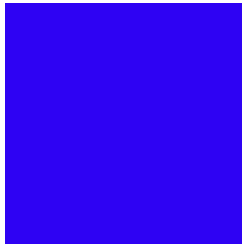
42, 79.135, 337.123



10, 35.836, 335.738

Previews

White Background



This preview shows how the CIE LCh color 32, 127.135, 306.998 looks on a white background.

Color Contrast Check

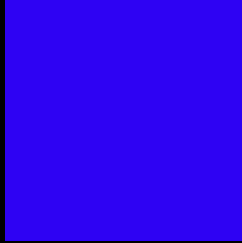
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127.135, 306.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

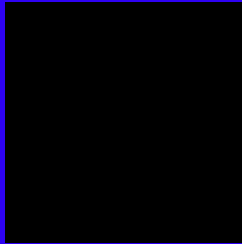
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 127.135, 306.998

Background



This preview shows how black text looks on a background with the CIELCh color 32, 127.135, 306.998.



This preview shows how white text looks on a background with the CIELCh color 32, 127.135,

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, 127.135, 306.998

Protanopia

32, 51.434, 285.850

Deuteranopia

32, 35.452, 271.396

Trichromacy



Original Color
32, 127.135, 306.998

Protanomaly
29, 86.541, 300.955

Deuteranomaly
28, 77.067, 299.210

Monochromacy



Original Color
32, 127.135, 306.998

Achromatopsia
17, 0.003, 296.813

Achromatomaly
18, 58.535, 305.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 127.135, 306.998 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(46, 2, 243)` looks like.

```
.text, #text, p{  
    color:rgb(46, 2, 243)  
}
```

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(46, 2, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 2, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 127.135, 306.998 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(46, 2, 243) }
```

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

```
.border{ border-color:rgb(46, 2, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 2, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 2, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 2, 243);  
box-shadow:4px 4px 4px 4px rgb(46, 2, 243)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 127.135, 306.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 2, 243) }
```

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

```
.background{ background-color: rgb(46, 2,  
243) }
```

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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