

Converting Colors

CIELCh(32, 132.482, 306.222)

Have a look what the booklet for
CIELCh(32, 132.482, 306.222)
contains.

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Color

CIELCh(32, 132.307, 306.222)

Conversions

Conversions Part 1

Format	Color
Hex	0102FC
RGB	1, 2, 252
RGB Percent	0%, 1%, 99%
CMY	0.9973, 0.9916, 0.0114
CMYK	1.00, 0.99, 0.00, 0.01
HSL	240°, 99%, 50%
HSV	240°, 100%, 99%
XYZ	17.6166, 7.0852, 92.6113
YIQ	30.2010, -80.8460, 77.5380

Conversions

Conversions Part 2

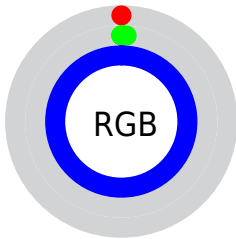
Format	Color
R_{YB}	1, 2, 252
Decimal	66300
CIE _{Lab}	32.00, 78.18, -106.74
CIE _{LCh}	32, 132.307, 306.222
Yxy	7.0852, 0.1502, 0.0604
Android (android.graphics.Color)	4278256380 (0xFF0102FC)
YUV	30.2010, 109.3469, -25.6093
Hunter-Lab	26.6180, 71.5557, -187.6539

Details

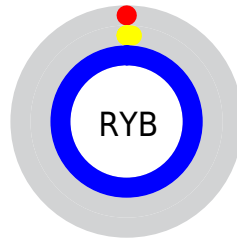
The CIELCh color **32, 132.307, 306.222** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **96, 95.605, 102.491**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 104.473, 306.786**, and **23, 108.515, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 132.431, 306.240**, and if you desaturate by 10%, it is **34, 126.694, 305.415**.

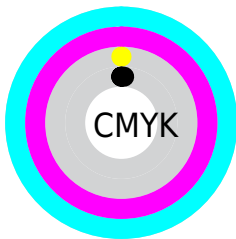
Distribution



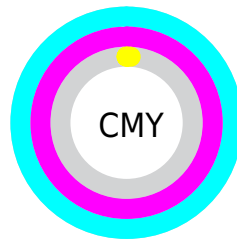
- Red (0%)
- Green (1%)
- Blue (99%)



- Red (0%)
- Yellow (1%)
- Blue (99%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (1%)





- Cyan (100%)
- Magenta (99%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 132.307, 306.222 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, 132.307, 306.222 by changing the saturation by 10% instead.


 32, 132.307,
306.222


 32, 132.307,
306.222


 100, 132.307,
306.222


 22, 132.307,
306.222


 52, 132.307,
306.222


 12, 132.307,
306.222


 62, 132.307,
306.222

 2, 132.307,
306.222

 72, 132.307,
306.222

 0, 132.307,
306.222

 82, 132.307,
306.222

 92, 132.307,
306.222

■ 32, 132.307,
306.222

■ 32, 132.307,
306.222

■ 32, 132.431,
306.240

■ 34, 126.694,
305.415

■ 38, 115.958,
303.849

■ 44, 101.726,
301.759

■ 51, 86.101,
299.499

■ 59, 70.349,
297.325

■ 67, 55.020,
295.365

■ 75, 40.288,
293.660

■ 83, 26.173,

292.205

■ 91, 12.644,
290.974

Harmonies

Complementary

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



32, 132.307, 306.222



96, 95.605, 102.491

Rectangle

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



32, 132.307, 306.222



32, 132.307, 356.222



32, 132.307, 126.222



32, 132.307, 176.222

Sweetspot

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



32, 132.310, 306.223



75, 41.069, 293.707



90, 50.303, 193.819



37, 28.275, 294.398



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, 132.310, 306.223



32, 133.590, 306.241



40, 124.291, 311.327



48, 7.337, 290.948



23, 106.446, 306.220



3, 41.857, 300.718

Inverse Universe

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



53, 103.295, 39.781



53, 104.345, 39.841



89, 107.794, 127.765



49, 5.166, 19.478



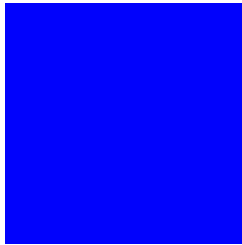
39, 83.124, 39.768



9, 32.153, 25.911

Previews

White Background



This preview shows how the CIELCh color 32, 132.307, 306.222 looks on a white background.

Color Contrast Check

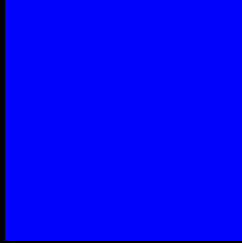
Large Text (above 18pt) WCAG AA ✓ Pass

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, 132.307, 306.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

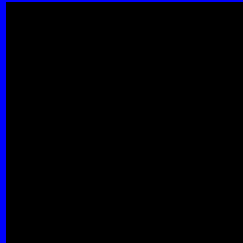
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 132.307, 306.222

Background



This preview shows how black text looks on a background with the CIELCh color 32, 132.307, 306.222.



This preview shows how white text looks on a background with the CIELCh color 32, 132.307, 306.222.

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, 132.289, 306.230

Protanopia

32, 50.787, 285.252

Deuteranopia

32, 34.930, 270.334



Tritanopia
32, 22.088, 201.490

Trichromacy



Original Color
32, 132.289, 306.230

Protanomaly
29, 88.274, 300.558

Deuteranomaly
28, 78.278, 298.637

Tritanomaly
26, 60.082, 293.613

Monochromacy



Original Color
32, 132.289, 306.230

Achromatopsia
11, 0.003, 296.813

Achromatomaly
14, 61.608, 303.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 132.307, 306.222 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(1, 2, 252)` looks like.

```
.text, #text, p{  
    color:rgb(1, 2, 252)  
}
```

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(1, 2, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 2, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 132.307, 306.222 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(1, 2, 252) }
```

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

```
.border{ border-color:rgb(1, 2, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 2, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 2, 252); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 2, 252); box-shadow:4px  
4px 4px 4px rgb(1, 2, 252) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 132.307, 306.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 2, 252) }
```

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

```
.background{ background-color: rgb(1, 2,  
252) }
```

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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