

Converting Colors

CIELCh(34, 130.793, 307.116)

Have a look what the booklet for
CIELCh(34, 130.793, 307.116)
contains.

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Color

CIELCh(34, 130.877, 307.119)

Conversions

Conversions Part 1

Format	Color
Hex	3604FE
RGB	54, 4, 254
RGB Percent	21%, 2%, 100%
CMY	0.7890, 0.9853, 0.0044
CMYK	0.79, 0.99, 0.00, 0.00
HSL	252°, 99%, 51%
HSV	252°, 99%, 100%
XYZ	19.4212, 8.0082, 94.1905
YIQ	47.4500, -50.4500, 88.3500

Conversions

Conversions Part 2

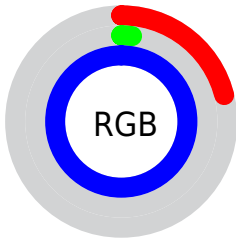
Format	Color
RYB	54, 4, 254
Decimal	3540222
CIELab	34.00, 78.98, -104.36
CIELCh	34, 130.877, 307.119
Yxy	8.0082, 0.1597, 0.0658
Android (android.graphics.Color)	4281730302 (0xFF3604FE)
YUV	47.4500, 101.8291, 5.7443
Hunter-Lab	28.2988, 72.9797, -177.5333

Details

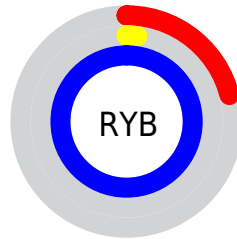
The CIELCh color **34, 130.877, 307.119** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **93, 98.892, 114.808**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 102.263, 308.522**, and **23, 109.353, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **34, 131.612, 307.132**, and if you desaturate by 10%, it is **37, 124.494, 306.973**.

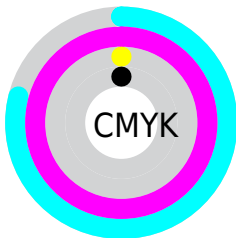
Distribution



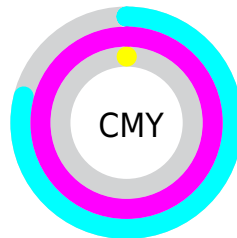
- Red (21%)
- Green (2%)
- Blue (100%)



- Red (21%)
- Yellow (2%)
- Blue (100%)



- Cyan (79%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)





- Cyan (79%)
- Magenta (99%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 130.877, 307.119 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 34, 130.877, 307.119 by changing the saturation by 10% instead.


 34, 130.877,
307.119


 34, 130.877,
307.119


 100, 130.877,
307.119


 24, 130.877,
307.119


 54, 130.877,
307.119


 14, 130.877,
307.119


 64, 130.877,
307.119

 4, 130.877,
307.119

 74, 130.877,
307.119

 0, 130.877,
307.119

 84, 130.877,
307.119

 94, 130.877,
307.119

■ 34, 130.877,
307.119

■ 34, 130.877,
307.119

■ 34, 131.612,
307.132

■ 37, 124.494,
306.973

■ 42, 113.681,
306.261

■ 48, 99.909,
305.161

■ 55, 84.787,
303.898

■ 62, 69.344,
302.629

■ 70, 54.109,
301.441

■ 77, 39.315,
300.370

■ 85, 25.044,

299.427

■ 93, 11.310,
298.606

Harmonies

Complementary

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



34, 130.877, 307.119



93, 98.892, 114.808

Rectangle

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



34, 130.877, 307.119



34, 130.877, 357.119



34, 130.877, 127.119



34, 130.877, 177.119

Sweetspot

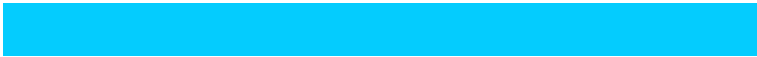
The Sweet Spot groups the original color and five complimentary colors.



34, 130.879, 307.120



76, 41.611, 300.520



76, 43.743, 235.838



37, 28.618, 300.965



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34, 130.879, 307.120



34, 132.053, 307.130



48, 119.038, 317.279



49, 7.582, 298.682



24, 106.184, 307.243



4, 44.558, 305.549

Inverse Universe

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



58, 98.299, 338.235



58, 98.664, 338.405



88, 114.844, 133.287



50, 7.882, 331.101



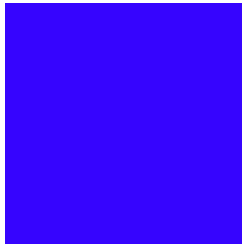
43, 79.673, 338.192



11, 37.322, 336.758

Previews

White Background



This preview shows how the CIE LCh color 34, 130.877, 307.119 looks on a white background.

Color Contrast Check

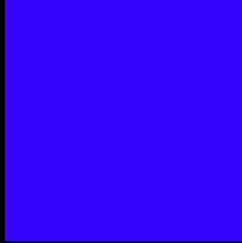
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 130.877, 307.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

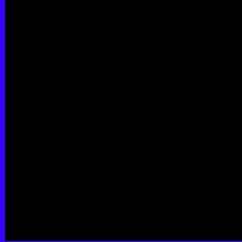
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 130.877, 307.119

Background



This preview shows how black text looks on a background with the CIELCh color 34, 130.877, 307.119.



This preview shows how white text looks on a background with the CIELCh color 34, 130.877, 307.119.

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

34, 130.877, 307.119

Protanopia

34, 53.409, 285.659

Deuteranopia

34, 36.524, 270.834



Tritanopia
34, 22.603, 204.647

Trichromacy



Original Color
34, 130.877, 307.119

Protanomaly
31, 89.397, 300.807

Deuteranomaly
30, 78.885, 298.954

Tritanomaly
28, 60.172, 294.224

Monochromacy



Original Color
34, 130.877, 307.119

Achromatopsia
19, 0.004, 296.813

Achromatomaly
20, 59.848, 305.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 130.877, 307.119 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(54, 4, 254)` looks like.

```
.text, #text, p{  
    color:rgb(54, 4, 254)  
}
```

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(54, 4, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 4, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 130.877, 307.119 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(54, 4, 254) }
```

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

```
.border{ border-color:rgb(54, 4, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 4, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 4, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 4, 254);  
box-shadow:4px 4px 4px 4px rgb(54, 4, 254)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 130.877, 307.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 4, 254) }
```

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

```
.background{ background-color: rgb(54, 4,  
254) }
```

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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