

Converting Colors

CIELCh(34, 131.428, 307.453)

Have a look what the booklet for
CIELCh(34, 131.428, 307.453)
contains.

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Color

CIELCh(34, 131.189, 307.374)

Conversions

Conversions Part 1

Format	Color
Hex	3900FE
RGB	57, 0, 254
RGB Percent	22%, 0%, 100%
CMY	0.7746, 1.0000, 0.0051
CMYK	0.77, 1.00, 0.00, 0.01
HSL	254°, 100%, 50%
HSV	254°, 100%, 99%
XYZ	19.5506, 8.0082, 94.0355
YIQ	45.9990, -47.5620, 91.0780

Conversions

Conversions Part 2

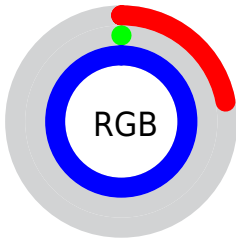
Format	Color
RYB	57, 0, 254
Decimal	3735806
CIELab	34.00, 79.63, -104.25
CIElCh	34, 131.189, 307.374
Yxy	8.0082, 0.1608, 0.0659
Android (android.graphics.Color)	4281925886 (0xFF3900FE)
YUV	45.9990, 102.5445, 9.6479
Hunter-Lab	28.2988, 73.7965, -177.2085

Details

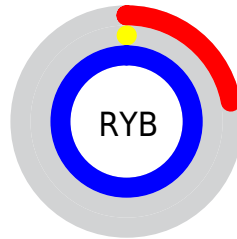
The CIELCh color **34, 131.189, 307.374** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **93, 99.841, 116.379**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **49, 102.728, 308.762**, and **23, 109.353, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **34, 131.104, 307.358**, and if you desaturate by 10%, it is **37, 125.222, 307.345**.

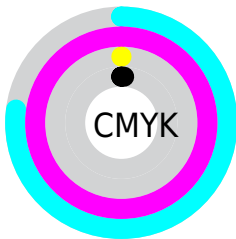
Distribution



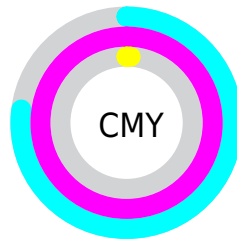
- Red (22%)
- Green (0%)
- Blue (100%)



- Red (22%)
- Yellow (0%)
- Blue (100%)



- Cyan (77%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)





- Cyan (77%)
- Magenta (100%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 131.189, 307.374 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, 131.189, 307.374 by changing the saturation by 10% instead.


 34, 131.189,
307.374


 34, 131.189,
307.374


 100, 131.189,
307.374


 24, 131.189,
307.374


 54, 131.189,
307.374


 14, 131.189,
307.374


 64, 131.189,
307.374

 4, 131.189,
307.374

 74, 131.189,
307.374

 0, 131.189,
307.374

 84, 131.189,
307.374

 94, 131.189,
307.374

■ 34, 131.189,
307.374

■ 34, 131.189,
307.374

■ 34, 131.104,
307.358

■ 37, 125.222,
307.345

■ 41, 115.112,
306.816

■ 47, 101.821,
305.872

■ 54, 86.955,
304.730

■ 61, 71.606,
303.552

■ 69, 56.367,
302.429

■ 76, 41.515,
301.406

■ 84, 27.159,

300.497

■ 92, 13.327,
299.702

Harmonies

Complementary

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



34, 131.189, 307.374



93, 99.841, 116.379

Rectangle

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



34, 131.189, 307.374



34, 131.189, 357.374



34, 131.189, 127.374



34, 131.189, 177.374

Sweetspot

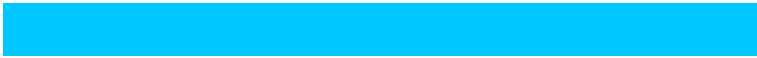
The Sweet Spot groups the original color and five complimentary colors.



34, 131.104, 307.358



77, 41.687, 301.407



75, 44.346, 240.096



37, 28.664, 301.825



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, 131.104, 307.358



34, 131.614, 307.356



48, 119.044, 317.718



49, 7.602, 299.665



25, 105.816, 307.480



4, 44.611, 306.084

Inverse Universe

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



57, 96.372, 340.106



57, 96.740, 340.110



88, 115.697, 133.680



50, 7.735, 332.057



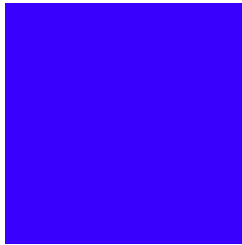
43, 78.140, 339.855



11, 36.674, 338.146

Previews

White Background



This preview shows how the CIE LCh color 34, 131.189, 307.374 looks on a white background.

Color Contrast Check

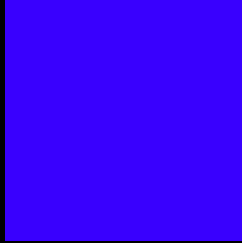
Large Text (above 18pt) WCAG AA ✓ Pass

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, 131.189, 307.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

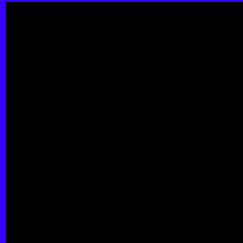
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 131.189, 307.374

Background



This preview shows how black text looks on a background with the CIELCh color 34, 131.189, 307.374.



This preview shows how white text looks on a background with the CIELCh color 34, 131.189, 307.374.

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, 131.257, 307.338

Protanopia

34, 53.409, 285.659

Deuteranopia

34, 37.048, 271.472



Tritanopia
34, 22.880, 202.896

Trichromacy



Original Color
34, 131.257, 307.338

Protanomaly
30, 89.974, 301.050

Deuteranomaly
30, 80.060, 299.347

Tritanomaly
28, 60.846, 294.725

Monochromacy



Original Color
34, 131.257, 307.338

Achromatopsia
19, 0.004, 296.813

Achromatomaly
20, 61.005, 306.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 131.189, 307.374 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(57, 0, 254)` looks like.

```
.text, #text, p{  
    color:rgb(57, 0, 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(57, 0, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 0, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 131.189, 307.374 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(57, 0, 254) }
```

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

```
.border{ border-color:rgb(57, 0, 254) }
```

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

Here you see how a box with a 4 pixel rgb(57, 0, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 0, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 0, 254);  
box-shadow:4px 4px 4px 4px rgb(57, 0, 254)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 131.189, 307.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 0, 254) }
```

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

```
.background{ background-color: rgb(57, 0,  
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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