

Converting Colors

CIELCh(34, 126.226, 304.936)

Have a look what the booklet for
CIELCh(34, 126.226, 304.936)
contains.

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Color

CIELCh(34, 126.191, 304.953)

Conversions

Conversions Part 1

Format	Color
Hex	051EFC
RGB	5, 30, 252
RGB Percent	2%, 12%, 99%
CMY	0.9797, 0.8817, 0.0111
CMYK	0.98, 0.88, 0.00, 0.01
HSL	234°, 98%, 50%
HSV	234°, 98%, 99%
XYZ	18.1283, 8.0082, 92.8178
YIQ	47.8330, -86.1620, 63.7420

Conversions

Conversions Part 2

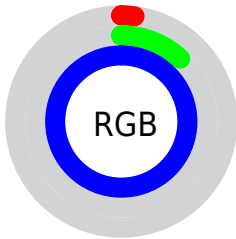
Format	Color
R _Y B	5, 28, 252
Decimal	335612
CIE Lab	34.00, 72.30, -103.43
CIE LCh	34, 126.191, 304.953
Yxy	8.0082, 0.1524, 0.0673
Android (android.graphics.Color)	4278525692 (0xFF051EFC)
YUV	47.8330, 100.6543, -37.5645
Hunter-Lab	28.2988, 64.8250, -174.6574

Details

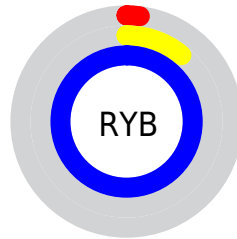
The CIELCh color **34, 126.191, 304.953** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **90, 89.093, 95.928**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 97.478, 305.057**, and **23, 108.515, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **33, 127.710, 305.229**, and if you desaturate by 10%, it is **38, 116.335, 303.091**.

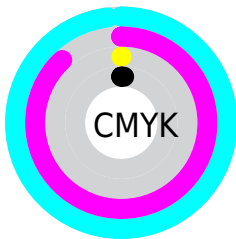
Distribution



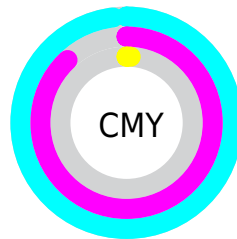
- Red (2%)
- Green (12%)
- Blue (99%)



- Red (2%)
- Yellow (11%)
- Blue (99%)



- Cyan (98%)
- Magenta (88%)
- Yellow (0%)
- Black (1%)





- Cyan (98%)
- Magenta (88%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 126.191, 304.953 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, 126.191, 304.953 by changing the saturation by 10% instead.


 34, 126.191,
304.953


 34, 126.191,
304.953


 100, 126.191,
304.953


 24, 126.191,
304.953


 54, 126.191,
304.953


 14, 126.191,
304.953


 64, 126.191,
304.953

 4, 126.191,
304.953

 74, 126.191,
304.953

 0, 126.191,
304.953

 84, 126.191,
304.953

 94, 126.191,
304.953

■ 34, 126.191,
304.953

■ 34, 126.191,
304.953

■ 33, 127.710,
305.229

■ 38, 116.335,
303.091

■ 43, 103.409,
300.689

■ 49, 89.156,
298.081

■ 56, 74.717,
295.537

■ 63, 60.614,
293.213

■ 71, 47.022,
291.170

■ 78, 33.961,
289.411

■ 86, 21.404,

287.912

■ 93, 9.311, 286.643

Harmonies

Complementary

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



34, 126.191, 304.953



90, 89.093, 95.928

Rectangle

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



34, 126.191, 304.953



34, 126.191, 354.953



34, 126.191, 124.953



34, 126.191, 174.953

Sweetspot

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



34, 126.193, 304.954



78, 35.641, 289.587



89, 55.508, 180.180



38, 24.659, 290.317



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, 126.193, 304.954



34, 128.838, 305.237



38, 126.094, 309.473



48, 6.632, 286.825



24, 101.735, 304.960



4, 39.035, 299.064

Inverse Universe

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



53, 97.934, 35.873



53, 100.134, 36.659



90, 103.710, 123.717



49, 5.203, 11.793



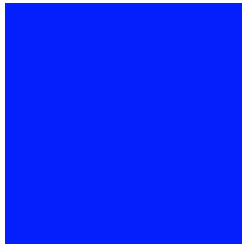
39, 79.090, 35.856



9, 31.512, 22.040

Previews

White Background



This preview shows how the CIE LCh color 34, 126.191, 304.953 looks on a white background.

Color Contrast Check

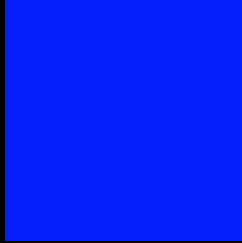
Large Text (above 18pt) WCAG AA ✓ Pass

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, 126.191, 304.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

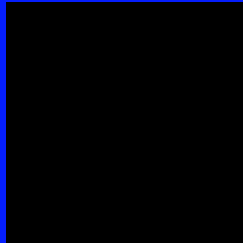
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 126.191, 304.953

Background



This preview shows how black text looks on a background with the CIELCh color 34, 126.191, 304.953.



This preview shows how white text looks on a background with the CIELCh color 34, 126.191, 304.953.

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, 126.177, 304.962

Protanopia

34, 52.900, 285.636

Deuteranopia

34, 35.997, 270.549



Tritanopia
33, 22.519, 203.026

Trichromacy



Original Color
34, 126.177, 304.962

Protanomaly
32, 82.921, 298.055

Deuteranomaly
31, 72.017, 295.372

Tritanomaly
30, 53.033, 288.250

Monochromacy



Original Color
34, 126.177, 304.962

Achromatopsia
20, 0.004, 296.813

Achromatomaly
21, 53.081, 298.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 126.191, 304.953 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(5, 30, 252)` looks like.

```
.text, #text, p{  
    color:rgb(5, 30, 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(5, 30, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 30, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 126.191, 304.953 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(5, 30, 252) }
```

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

```
.border{ border-color:rgb(5, 30, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 30, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 30, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 30, 252);  
box-shadow:4px 4px 4px 4px rgb(5, 30, 252)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 126.191, 304.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 30, 252) }
```

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

```
.background{ background-color: rgb(5, 30,  
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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