

Converting Colors

CIELCh(38, 119.373, 304.904)

Have a look what the booklet for
CIELCh(38, 119.373, 304.904)
contains.

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Color

CIELCh(38, 119.319, 304.946)

Conversions

Conversions Part 1

Format	Color
Hex	3C2EFE
RGB	60, 46, 254
RGB Percent	24%, 18%, 100%
CMY	0.7640, 0.8193, 0.0035
CMYK	0.76, 0.82, 0.00, 0.00
HSL	244°, 99%, 59%
HSV	244°, 82%, 100%
XYZ	20.7579, 10.0881, 94.6988
YIQ	73.8980, -58.4240, 67.6560

Conversions

Conversions Part 2

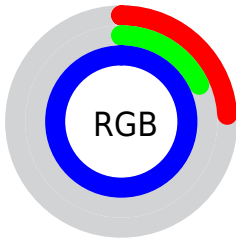
Format	Color
RYB	60, 46, 254
Decimal	3944190
CIELab	38.00, 68.35, -97.80
CIELCh	38, 119.319, 304.946
Yxy	10.0881, 0.1653, 0.0804
Android (android.graphics.Color)	4282134270 (0xFF3C2EFE)
YUV	73.8980, 88.7903, -12.1885
Hunter-Lab	31.7617, 61.0757, -154.5424

Details

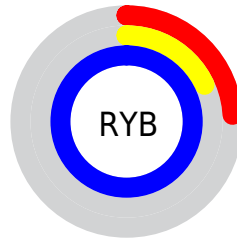
The CIELCh color **38, 119.319, 304.946** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **96, 91.038, 106.963**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 89.643, 305.601**, and **24, 109.772, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **34, 128.938, 306.022**, and if you desaturate by 10%, it is **44, 105.772, 303.323**.

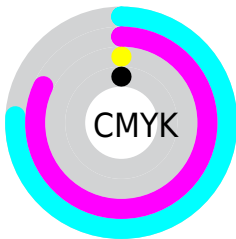
Distribution



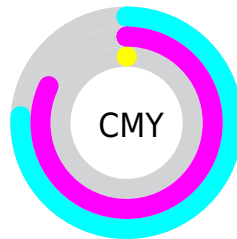
- Red (24%)
- Green (18%)
- Blue (100%)



- Red (24%)
- Yellow (18%)
- Blue (100%)



- Cyan (76%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)





- Cyan (76%)
- Magenta (82%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 119.319, 304.946 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 38, 119.319, 304.946 by changing the saturation by 10% instead.


 38, 119.319,
304.946


 38, 119.319,
304.946


 100, 119.319,
304.946


 28, 119.319,
304.946


 58, 119.319,
304.946


 18, 119.319,
304.946


 68, 119.319,
304.946

 8, 119.319,
304.946

 78, 119.319,
304.946

 0, 119.319,
304.946

 88, 119.319,
304.946

 98, 119.319,
304.946

■ 38, 119.319,
304.946

■ 38, 119.319,
304.946

■ 34, 128.938,
306.022

■ 44, 105.772,
303.323

■ 32, 133.137,
306.433

■ 51, 90.383,
301.463

■ 58, 74.566,
299.611

■ 66, 59.011,
297.901

■ 74, 43.983,
296.389

■ 82, 29.553,
295.080

■ 90, 15.713,
293.961

■ 98, 2.430, 293.023

100, 0.447,
109.972

Harmonies

Complementary

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



38, 119.319, 304.946



96, 91.038, 106.963

Rectangle

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



38, 119.319, 304.946



38, 119.319, 354.946



38, 119.319, 124.946



38, 119.319, 174.946

Sweetspot

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



38, 119.321, 304.947



80, 34.110, 295.470



87, 44.618, 206.181



40, 23.444, 295.928



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



38, 119.321, 304.947



33, 132.598, 306.334



48, 112.480, 314.290



49, 7.516, 293.723



23, 107.438, 306.482



4, 44.288, 303.107

Inverse Universe

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



61, 104.394, 330.563



59, 109.250, 331.121



90, 102.303, 128.778



50, 8.648, 326.836



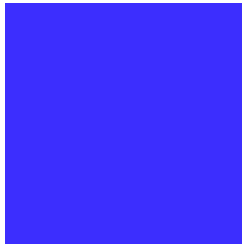
45, 88.255, 331.132



12, 40.863, 330.761

Previews

White Background



This preview shows how the CIELCh color 38, 119.319, 304.946 looks on a white background.

Color Contrast Check

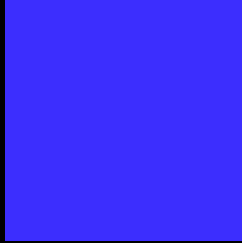
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 38, 119.319, 304.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

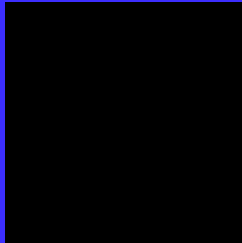
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 119.319, 304.946

Background



This preview shows how black text looks on a background with the CIELCh color 38, 119.319, 304.946.

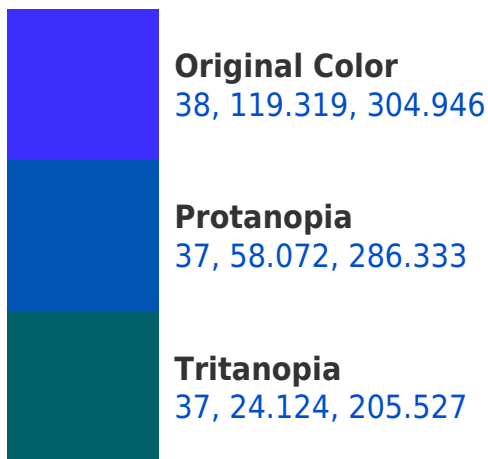


This preview shows how white text looks on a background with the CIELCh color 38, 119.319, 304.946.

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



Trichromacy



Original Color
38, 119.319, 304.946

Protanomaly
36, 82.247, 296.848

Tritanomaly
35, 50.226, 285.352

Monochromacy



Original Color
38, 119.319, 304.946

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 47.460, 299.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 119.319, 304.946 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(60, 46, 254)` looks like.

```
.text, #text, p{  
    color:rgb(60, 46, 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(60, 46, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 46, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 119.319, 304.946 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(60, 46, 254) }
```

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

```
.border{ border-color:rgb(60, 46, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 46, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 46, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 46, 254);  
box-shadow:4px 4px 4px 4px rgb(60, 46,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 119.319, 304.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 46, 254) }
```

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

```
.background{ background-color: rgb(60, 46,  
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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