

Converting Colors

CIELCh(38, 120.885, 306.273)

Have a look what the booklet for
CIELCh(38, 120.885, 306.273)
contains.

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Color

CIELCh(38, 120.898, 306.260)

Conversions

Conversions Part 1

Format	Color
Hex	4A28FE
RGB	74, 40, 254
RGB Percent	29%, 16%, 100%
CMY	0.7083, 0.8448, 0.0056
CMYK	0.71, 0.84, 0.00, 0.01
HSL	250°, 99%, 57%
HSV	250°, 84%, 99%
XYZ	21.4180, 10.0881, 94.2237
YIQ	74.5620, -48.4300, 73.7620

Conversions

Conversions Part 2

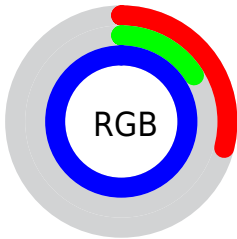
Format	Color
R_{YB}	74, 40, 254
Decimal	4860158
CIE _{Lab}	38.00, 71.51, -97.49
CIE _{LCh}	38, 120.898, 306.260
Yxy	10.0881, 0.1703, 0.0802
Android (android.graphics.Color)	4283050238 (0xFF4A28FE)
YUV	74.5620, 88.4629, -0.4929
Hunter-Lab	31.7617, 64.7858, -153.6555

Details

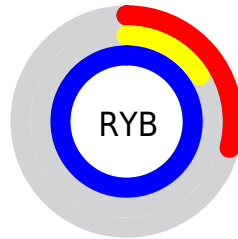
The CIELCh color **38, 120.898, 306.260** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **94, 93.291, 112.018**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 91.241, 307.472**, and **24, 109.772, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **34, 129.218, 306.783**, and if you desaturate by 10%, it is **43, 108.475, 305.194**.

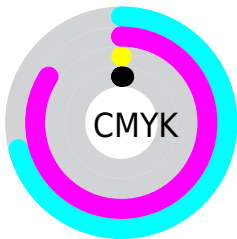
Distribution



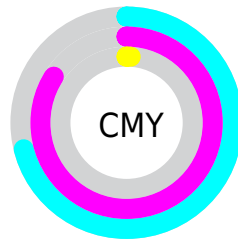
- Red (29%)
- Green (16%)
- Blue (100%)



- Red (29%)
- Yellow (16%)
- Blue (100%)



- Cyan (71%)
- Magenta (84%)
- Yellow (0%)
- Black (1%)





- Cyan (71%)
- Magenta (84%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 120.898, 306.260 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, 120.898, 306.260 by changing the saturation by 10% instead.


 38, 120.898,
306.260


 38, 120.898,
306.260


 100, 120.898,
306.260


 28, 120.898,
306.260


 58, 120.898,
306.260


 18, 120.898,
306.260


 68, 120.898,
306.260

 8, 120.898,
306.260

 78, 120.898,
306.260

 0, 120.898,
306.260

 88, 120.898,
306.260

 98, 120.898,
306.260

■ 38, 120.898,
306.260

■ 38, 120.898,
306.260

■ 34, 129.218,
306.783

■ 43, 108.475,
305.194

■ 33, 132.023,
306.865

■ 50, 93.808,
303.835

■ 57, 78.340,
302.402

■ 65, 62.880,
301.027

■ 72, 47.798,
299.775

■ 80, 33.236,
298.669

■ 88, 19.228,
297.707

■ 96, 5.764, 296.878

100, 0.714,
110.016

Harmonies

Complementary

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



38, 120.898, 306.260



94, 93.291, 112.018

Rectangle

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



38, 120.898, 306.260



38, 120.898, 356.260



38, 120.898, 126.260



38, 120.898, 176.260

Sweetspot

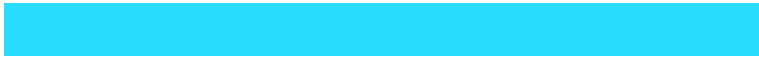
The Sweet Spot groups the original color and five complimentary colors.



38, 120.900, 306.261



80, 34.257, 298.733



82, 42.312, 221.060



40, 23.536, 299.108



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, 120.900, 306.261



33, 132.590, 306.863



50, 113.187, 316.564



49, 7.558, 297.286



24, 106.638, 306.958



4, 44.485, 304.848

Inverse Universe

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



60, 98.535, 334.858



58, 101.534, 336.152



89, 106.437, 131.206



50, 8.094, 329.811



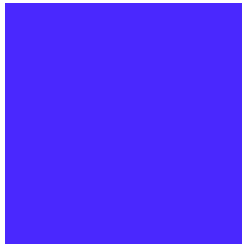
44, 81.957, 335.991



12, 38.276, 334.908

Previews

White Background



This preview shows how the CIELCh color 38, 120.898, 306.260 looks on a white background.

Color Contrast Check

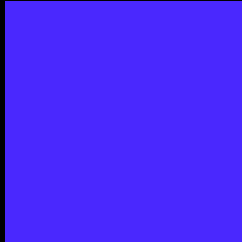
Large Text (above 18pt) WCAG AA ✓ Pass

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, 120.898, 306.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

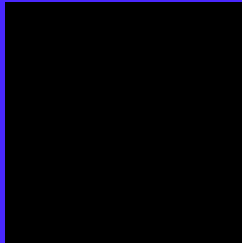
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 120.898, 306.260

Background



This preview shows how black text looks on a background with the CIELCh color 38, 120.898, 306.260.



This preview shows how white text looks on a background with the CIELCh color 38, 120.898, 306.260.

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

38, 120.960, 306.204

Protanopia

38, 58.004, 286.087

Deuteranopia

37, 40.189, 272.261



Tritanopia
37, 24.124, 205.527

Trichromacy



Original Color
38, 120.960, 306.204

Protanomaly
36, 84.017, 297.691

Deuteranomaly
35, 72.608, 295.012

Tritanomaly
34, 50.846, 286.789

Monochromacy



Original Color
38, 120.960, 306.204

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 49.496, 302.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 120.898, 306.260 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(74, 40, 254)` looks like.

```
.text, #text, p{  
    color:rgb(74, 40, 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(74, 40, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 40, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 120.898, 306.260 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(74, 40, 254) }
```

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

```
.border{ border-color:rgb(74, 40, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 40, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 40, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 40, 254);  
box-shadow:4px 4px 4px 4px rgb(74, 40,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 120.898, 306.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 40, 254) }
```

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

```
.background{ background-color: rgb(74, 40,  
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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