

Converting Colors

CIELCh(38, 114.674, 302.668)

Have a look what the booklet for
CIELCh(38, 114.674, 302.668)
contains.

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Color

CIELCh(38, 114.695, 302.642)

Conversions

Conversions Part 1

Format	Color
Hex	1D38FC
RGB	29, 56, 252
RGB Percent	11%, 22%, 99%
CMY	0.8882, 0.7809, 0.0124
CMYK	0.89, 0.78, 0.00, 0.01
HSL	233°, 97%, 55%
HSV	233°, 89%, 99%
XYZ	19.4461, 10.0881, 92.8874
YIQ	70.2710, -79.0080, 55.2320

Conversions

Conversions Part 2

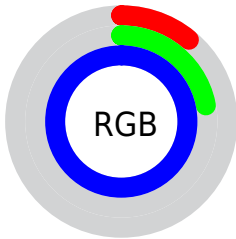
Format	Color
RYB	29, 53, 252
Decimal	1915132
CIELab	38.00, 61.87, -96.58
CIELCh	38, 114.695, 302.642
Yxy	10.0881, 0.1588, 0.0824
Android (android.graphics.Color)	4280105212 (0xFF1D38FC)
YUV	70.2710, 89.5924, -36.1947
Hunter-Lab	31.7617, 53.7035, -151.1610

Details

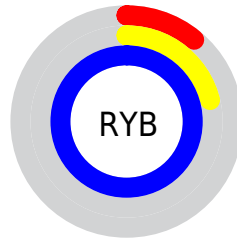
The CIELCh color **38, 114.695, 302.642** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **89, 85.783, 95.170**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 85.097, 301.849**, and **24, 107.554, 305.937** is the 20% darker color. If you saturate the color by 10%, you get **34, 124.834, 304.651**, and if you desaturate by 10%, it is **43, 101.834, 300.124**.

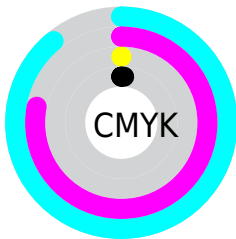
Distribution



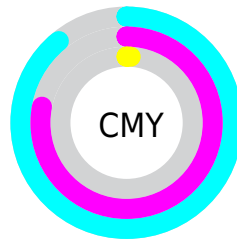
- Red (11%)
- Green (22%)
- Blue (99%)



- Red (11%)
- Yellow (21%)
- Blue (99%)



- Cyan (89%)
- Magenta (78%)
- Yellow (0%)
- Black (1%)




- Cyan (89%)
- Magenta (78%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 114.695, 302.642 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, 114.695, 302.642 by changing the saturation by 10% instead.


 38, 114.695,
302.642


 38, 114.695,
302.642


 100, 114.695,
302.642


 28, 114.695,
302.642


 58, 114.695,
302.642


 18, 114.695,
302.642


 68, 114.695,
302.642

 8, 114.695,
302.642

 78, 114.695,
302.642

 0, 114.695,
302.642

 88, 114.695,
302.642

 98, 114.695,
302.642

■ 38, 114.695,
302.642

■ 38, 114.695,
302.642

■ 34, 124.834,
304.651

■ 43, 101.834,
300.124

■ 34, 125.899,
304.852

■ 49, 87.845,
297.426

■ 56, 73.749,
294.810

■ 63, 60.005,
292.426

■ 70, 46.759,
290.331

■ 78, 34.020,
288.527

■ 85, 21.760,
286.988

■ 93, 9.939, 285.684

100, 1.474,
106.871

Harmonies

Complementary

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



38, 114.695, 302.642



89, 85.783, 95.170

Rectangle

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



38, 114.695, 302.642



38, 114.695, 352.642



38, 114.695, 122.642



38, 114.695, 172.642

Sweetspot

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



38, 114.697, 302.643



80, 32.258, 288.254



89, 54.984, 179.509



40, 21.874, 288.824



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, 114.697, 302.643



34, 127.142, 304.863



40, 120.828, 309.522



48, 6.479, 285.782



25, 100.260, 304.545



5, 38.399, 298.639

Inverse Universe

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



54, 89.799, 30.295



53, 98.865, 35.581



91, 99.640, 122.006



49, 5.224, 10.094



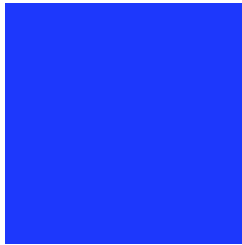
39, 78.052, 34.699



9, 31.389, 21.151

Previews

White Background



This preview shows how the CIE LCh color 38, 114.695, 302.642 looks on a white background.

Color Contrast Check

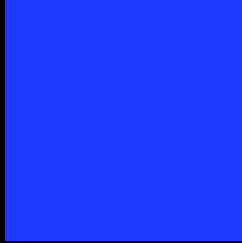
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114.695, 302.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

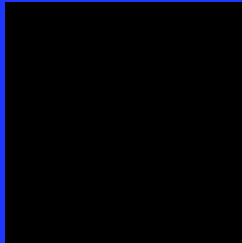
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 114.695, 302.642

Background



This preview shows how black text looks on a background with the CIELCh color 38, 114.695, 302.642.



This preview shows how white text looks on a background with the CIELCh color 38, 114.695, 302.642.

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, 114.695, 302.642

Protanopia

37, 58.072, 286.333

Deuteranopia

37, 39.670, 271.693



Tritanopia
37, 24.209, 203.968

Trichromacy



Original Color
38, 114.695, 302.642

Protanomaly
37, 79.854, 295.500

Deuteranomaly
36, 67.672, 291.735

Tritanomaly
35, 46.762, 281.107

Monochromacy



Original Color
38, 114.695, 302.642

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 45.127, 294.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 114.695, 302.642 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(29, 56, 252)` looks like.

```
.text, #text, p{  
    color:rgb(29, 56, 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(29, 56, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 56, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 114.695, 302.642 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(29, 56, 252) }
```

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

```
.border{ border-color:rgb(29, 56, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 56, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 56, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 56, 252);  
box-shadow:4px 4px 4px 4px rgb(29, 56,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 114.695, 302.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 56, 252) }
```

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

```
.background{ background-color: rgb(29, 56,  
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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