

Converting Colors

CIELCh(38, 121.314, 308.613)

Have a look what the booklet for
CIELCh(38, 121.314, 308.613)
contains.

CIELCh(38, 121.462, 308.593)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(38, 121.462, 308.593)

Conversions

Conversions Part 1

Format	Color
Hex	601AF9
RGB	96, 26, 249
RGB Percent	38%, 10%, 98%
CMY	0.6229, 0.8974, 0.0231
CMYK	0.61, 0.90, 0.00, 0.02
HSL	259°, 95%, 54%
HSV	259°, 90%, 98%
XYZ	22.3305, 10.0881, 90.4910
YIQ	72.3520, -29.8630, 84.1930

Conversions

Conversions Part 2

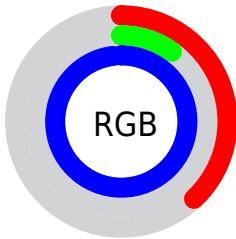
Format	Color
R _Y B	96, 26, 249
Decimal	6298361
CIE Lab	38.00, 75.77, -94.93
CIE LCh	38, 121.462, 308.593
Yxy	10.0881, 0.1817, 0.0821
Android (android.graphics.Color)	4284488441 (0xFF601AF9)
YUV	72.3520, 87.0875, 20.7393
Hunter-Lab	31.7617, 69.9139, -146.6876

Details

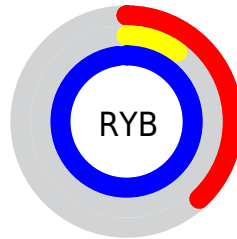
The CIELCh color **38, 121.462, 308.593** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **91, 97.675, 119.743**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 95.384, 311.025**, and **23, 107.676, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **35, 127.305, 308.355**, and if you desaturate by 10%, it is **42, 111.751, 308.354**.

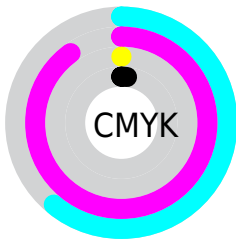
Distribution



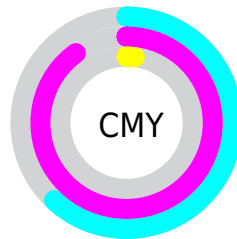
- Red (38%)
- Green (10%)
- Blue (98%)



- Red (38%)
- Yellow (10%)
- Blue (98%)



- Cyan (61%)
- Magenta (90%)
- Yellow (0%)
- Black (2%)





- Cyan (62%)
- Magenta (90%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 121.462, 308.593 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, 121.462, 308.593 by changing the saturation by 10% instead.


 38, 121.462,
308.593


 38, 121.462,
308.593


 100, 121.462,
308.593


 28, 121.462,
308.593


 58, 121.462,
308.593


 18, 121.462,
308.593


 68, 121.462,
308.593

 8, 121.462,
308.593

 78, 121.462,
308.593

 0, 121.462,
308.593

 88, 121.462,
308.593

 98, 121.462,
308.593

■ 38, 121.462,
308.593

■ 38, 121.462,
308.593

■ 35, 127.305,
308.355

■ 42, 111.751,
308.354

■ 35, 127.555,
308.342

■ 48, 99.082,
307.731

■ 54, 84.826,
306.903

■ 61, 69.970,
306.006

■ 69, 55.092,
305.121

■ 76, 40.494,
304.294

■ 83, 26.311,
303.545

■ 91, 12.598,

302.877

■ 98, 0.637, 122.398

Harmonies

Complementary

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



38, 121.462, 308.593



91, 97.675, 119.743

Rectangle

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



38, 121.462, 308.593



38, 121.462, 358.593



38, 121.462, 128.593



38, 121.462, 178.593

Sweetspot

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



38, 121.463, 308.594



79, 37.610, 304.102



70, 45.767, 251.874



40, 25.489, 304.370



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, 121.463, 308.594



36, 129.849, 308.331



52, 112.616, 321.077



48, 7.556, 302.877



26, 103.319, 308.499



4, 42.872, 307.591

Inverse Universe

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



56, 89.071, 344.204



56, 91.159, 346.401



87, 111.894, 134.401



49, 7.148, 335.486



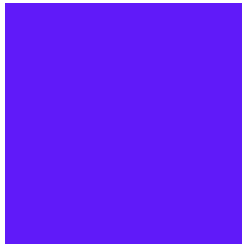
42, 72.948, 345.963



10, 33.857, 343.069

Previews

White Background



This preview shows how the CIELCh color 38, 121.462, 308.593 looks on a white background.

Color Contrast Check

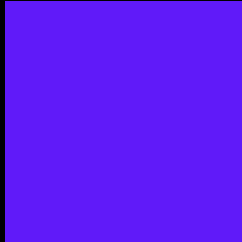
Large Text (above 18pt) WCAG AA ✓ Pass

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, 121.462, 308.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

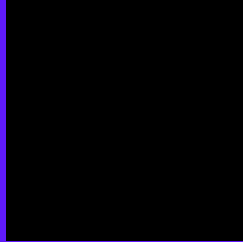
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 121.462, 308.593

Background



This preview shows how black text looks on a background with the CIELCh color 38, 121.462, 308.593.



This preview shows how white text looks on a background with the CIELCh color 38, 121.462, 308.593.

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, 121.462, 308.593

Protanopia

38, 58.569, 286.347

Deuteranopia

38, 40.189, 271.930



Tritanopia
38, 23.955, 208.695

Trichromacy



Original Color
38, 121.462, 308.593

Protanomaly
35, 86.503, 299.257

Deuteranomaly
34, 74.557, 296.728

Tritanomaly
33, 53.874, 290.527

Monochromacy



Original Color
38, 121.462, 308.593

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 51.705, 306.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 121.462, 308.593 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(96, 26, 249)` looks like.

```
.text, #text, p{  
    color:rgb(96, 26, 249)  
}
```

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(96, 26, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 26, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 121.462, 308.593 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(96, 26, 249) }
```

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

```
.border{ border-color:rgb(96, 26, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 26, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 26, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 26, 249);  
box-shadow:4px 4px 4px 4px rgb(96, 26,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 121.462, 308.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 26, 249) }
```

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

```
.background{ background-color: rgb(96, 26,  
249) }
```

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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