

Converting Colors

CIELCh(41, 118.961, 308.341)

Have a look what the booklet for
CIELCh(41, 118.961, 308.341)
contains.

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Color

CIELCh(41, 118.843, 308.338)

Conversions

Conversions Part 1

Format	Color
Hex	6A29FF
RGB	106, 41, 255
RGB Percent	42%, 16%, 100%
CMY	0.5844, 0.8393, 0.0001
CMYK	0.58, 0.84, 0.00, 0.00
HSL	258°, 100%, 58%
HSV	258°, 84%, 100%
XYZ	24.7779, 11.8645, 95.5703
YIQ	84.8310, -29.9540, 80.3340

Conversions

Conversions Part 2

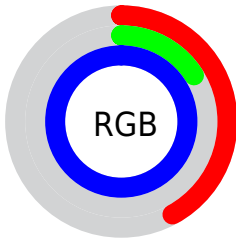
Format	Color
R _Y B	106, 41, 255
Decimal	6957567
CIE Lab	41.00, 73.72, -93.22
CIE LCh	41, 118.843, 308.338
Yxy	11.8645, 0.1874, 0.0897
Android (android.graphics.Color)	4285147647 (0xFF6A29FF)
YUV	84.8310, 83.8933, 18.5652
Hunter-Lab	34.4449, 68.1253, -140.3936

Details

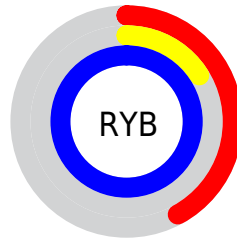
The CIELCh color **41, 118.843, 308.338** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **93, 96.333, 118.908**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 89.414, 311.360**, and **24, 110.190, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **37, 126.968, 308.380**, and if you desaturate by 10%, it is **46, 107.043, 307.829**.

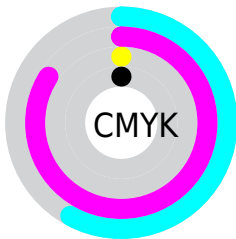
Distribution



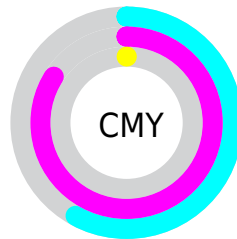
- Red (42%)
- Green (16%)
- Blue (100%)



- Red (42%)
- Yellow (16%)
- Blue (100%)



- Cyan (58%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)





- Cyan (58%)
- Magenta (84%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 118.843, 308.338 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 41, 118.843, 308.338 by changing the saturation by 10% instead.


 41, 118.843,
308.338


 41, 118.843,
308.338


 100, 118.843,
308.338


 31, 118.843,
308.338


 61, 118.843,
308.338


 21, 118.843,
308.338


 71, 118.843,
308.338


 11, 118.843,
308.338

 81, 118.843,
308.338

 1, 118.843,
308.338

 91, 118.843,
308.338

 0, 118.843,
308.338

 41, 118.843,

 41, 118.843,

308.338

308.338

■ 37, 126.968,
308.380

■ 46, 107.043,
307.829

■ 36, 130.068,
308.198

■ 52, 93.030,
307.038

■ 59, 78.028,
306.126

■ 67, 62.803,
305.200

■ 74, 47.769,
304.320

■ 82, 33.122,
303.516

■ 89, 18.945,
302.797

■ 97, 5.259, 302.158

Harmonies

Complementary

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



41, 118.843, 308.338



93, 96.333, 118.908

Rectangle

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



41, 118.843, 308.338



41, 118.843, 358.338



41, 118.843, 128.338



41, 118.843, 178.338

Sweetspot

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



41, 118.844, 308.339



81, 34.667, 303.598



73, 45.023, 249.344



40, 23.795, 303.874



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



41, 118.844, 308.339



36, 130.077, 308.198



55, 111.704, 321.243



49, 7.672, 302.506



26, 104.555, 308.353



5, 44.760, 307.797

Inverse Universe

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



59, 89.867, 342.590



57, 91.743, 345.613



89, 110.598, 134.327



50, 7.320, 335.063



42, 74.139, 345.217



11, 34.936, 342.583

Previews

White Background



This preview shows how the CIE LCh color 41, 118.843, 308.338 looks on a white background.

Color Contrast Check

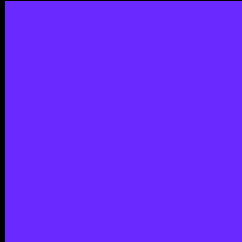
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 118.843, 308.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

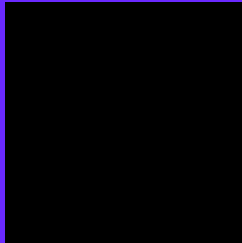
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 118.843, 308.338

Background



This preview shows how black text looks on a background with the CIELCh color 41, 118.843, 308.338.



This preview shows how white text looks on a background with the CIELCh color 41, 118.843, 308.338.

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

41, 118.843, 308.338

Protanopia

41, 62.022, 286.431

Deuteranopia

41, 43.278, 272.917



Tritanopia
41, 19.281, 214.007

Trichromacy



Original Color
41, 118.843, 308.338

Protanomaly
38, 86.100, 297.915

Deuteranomaly
38, 73.573, 295.032

Tritanomaly
38, 51.507, 293.929

Monochromacy



Original Color
41, 118.843, 308.338

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 48.905, 305.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 118.843, 308.338 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(106, 41, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 41, 255)  
}
```

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(106, 41, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 41, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 118.843, 308.338 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(106, 41, 255) }
```

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

```
.border{ border-color:rgb(106, 41, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 41, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 41, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 41, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 41,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 118.843, 308.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 41, 255) }
```

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

```
.background{ background-color: rgb(106, 41,  
255) }
```

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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