

Converting Colors

CIELCh(41, 107.956, 299.931)

Have a look what the booklet for
CIELCh(41, 107.956, 299.931)
contains.

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Color

CIELCh(41, 107.668, 299.877)

Conversions

Conversions Part 1

Format	Color
Hex	0348FF
RGB	3, 72, 255
RGB Percent	1%, 28%, 100%
CMY	0.9890, 0.7178, 0.0002
CMYK	0.99, 0.72, 0.00, 0.00
HSL	224°, 100%, 51%
HSV	224°, 99%, 100%
XYZ	20.3916, 11.8645, 95.7835
YIQ	72.2310, -99.8670, 42.2850

Conversions

Conversions Part 2

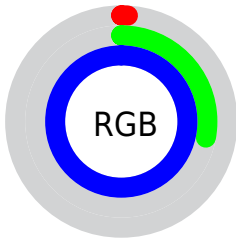
Format	Color
R _Y B	3, 57, 255
Decimal	215295
CIE Lab	41.00, 53.63, -93.36
CIE LCh	41, 107.668, 299.877
Yxy	11.8645, 0.1593, 0.0927
Android (android.graphics.Color)	4278405375 (0xFF0348FF)
YUV	72.2310, 90.1051, -60.7156
Hunter-Lab	34.4449, 45.3942, -140.7606

Details

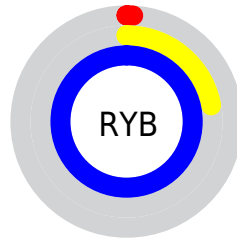
The CIELCh color `41, 107.668, 299.877` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark saturated blue. A complement of this color would be `80, 82.939, 80.918`, and the grayscale version is `30, 0.005, 296.813`.

A 20% lighter version of the original color is `57, 75.993, 297.447`, and `26, 102.169, 304.164` is the 20% darker color. If you saturate the color by 10%, you get `41, 108.869, 300.195`, and if you desaturate by 10%, it is `45, 96.266, 296.670`.

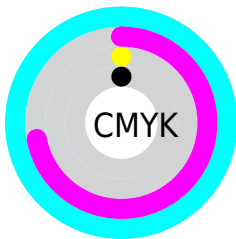
Distribution



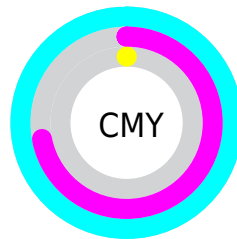
- Red (1%)
- Green (28%)
- Blue (100%)



- Red (1%)
- Yellow (22%)
- Blue (100%)



- Cyan (99%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)





- Cyan (99%)
- Magenta (72%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 107.668, 299.877 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, 107.668, 299.877 by changing the saturation by 10% instead.


 41, 107.668,
299.877


 41, 107.668,
299.877


 100, 107.668,
299.877


 31, 107.668,
299.877


 61, 107.668,
299.877


 21, 107.668,
299.877


 71, 107.668,
299.877

 11, 107.668,
299.877


 81, 107.668,
299.877

 1, 107.668,
299.877

 91, 107.668,
299.877

 0, 107.668,
299.877

 41, 107.668,

 41, 107.668,

299.877

■ 41, 108.869,
300.195

299.877

■ 45, 96.266,
296.670

■ 51, 84.424,
293.280

■ 56, 72.667,
289.981

■ 62, 61.219,
286.941

■ 69, 50.126,
284.243

■ 75, 39.362,
281.899

■ 81, 28.889,
279.890

■ 88, 18.676,
278.175

Harmonies

Complementary

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



41, 107.668, 299.877



80, 82.939, 80.918

Rectangle

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



41, 107.668, 299.877



41, 107.668, 349.877



41, 107.668, 119.877



41, 107.668, 169.877

Sweetspot

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



41, 107.669, 299.878



81, 30.031, 280.095



89, 69.310, 162.980



40, 20.593, 280.919



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, 107.669, 299.878



41, 108.885, 300.195



34, 131.217, 307.265



50, 5.562, 276.801



30, 86.218, 299.645



7, 34.576, 294.842

Inverse Universe

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



54, 88.995, 24.033



54, 89.557, 24.637



93, 99.701, 115.748



50, 5.596, 358.623



40, 71.627, 23.548



10, 31.576, 14.480

Previews

White Background



This preview shows how the CIELCh color 41, 107.668, 299.877 looks on a white background.

Color Contrast Check

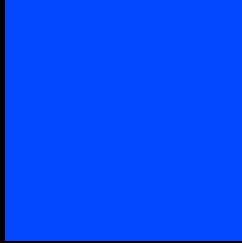
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107.668, 299.877 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, 107.668, 299.877

Background



This preview shows how black text looks on a background with the CIELCh color 41, 107.668, 299.877.

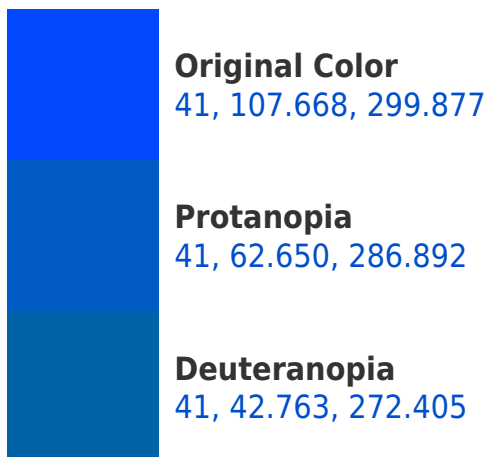



This preview shows how white text looks on a background with the CIELCh color 41, 107.668,

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





Tritanopia
40, 25.526, 204.902

Trichromacy



Original Color
41, 107.668, 299.877

Protanomaly
40, 79.404, 293.449

Deuteranomaly
40, 66.231, 288.885

Tritanomaly
39, 44.363, 275.474

Monochromacy



Original Color
41, 107.668, 299.877

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 42.413, 288.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 107.668, 299.877 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(3, 72, 255)` looks like.

```
.text, #text, p{  
    color:rgb(3, 72, 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(3, 72, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 72, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 107.668, 299.877 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(3, 72, 255) }
```

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

```
.border{ border-color:rgb(3, 72, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 72, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 72, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 72, 255);  
box-shadow:4px 4px 4px 4px rgb(3, 72, 255)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 107.668, 299.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 72, 255) }
```

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

```
.background{ background-color: rgb(3, 72,  
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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