

Converting Colors

CIELCh(41, 107.997, 300.198)

Have a look what the booklet for
CIELCh(41, 107.997, 300.198)
contains.

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Color

CIELCh(41, 108.144, 300.239)

Conversions

Conversions Part 1

Format	Color
Hex	1247FF
RGB	18, 71, 255
RGB Percent	7%, 28%, 100%
CMY	0.9314, 0.7213, 0.0000
CMYK	0.93, 0.72, 0.00, 0.00
HSL	226°, 100%, 53%
HSV	226°, 93%, 100%
XYZ	20.5613, 11.8645, 95.8893
YIQ	76.1290, -90.6520, 45.9880

Conversions

Conversions Part 2

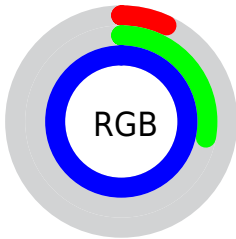
Format	Color
R _Y B	18, 61, 255
Decimal	1198079
CIE Lab	41.00, 54.46, -93.43
CIE LCh	41, 108.144, 300.239
Yxy	11.8645, 0.1602, 0.0925
Android (android.graphics.Color)	4279388159 (0xFF1247FF)
YUV	76.1290, 88.1834, -50.9791
Hunter-Lab	34.4449, 46.2741, -140.9426

Details

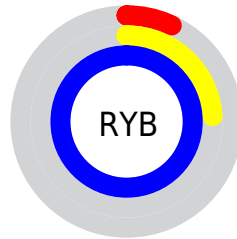
The CIELCh color **41, 108.144, 300.239** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **84, 83.221, 86.455**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 76.572, 298.209**, and **26, 102.991, 304.395** is the 20% darker color. If you saturate the color by 10%, you get **38, 115.728, 302.098**, and if you desaturate by 10%, it is **46, 95.889, 297.176**.

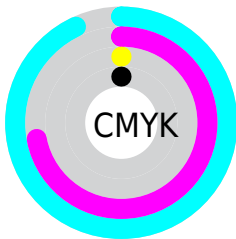
Distribution



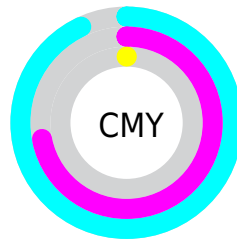
- Red (7%)
- Green (28%)
- Blue (100%)



- Red (7%)
- Yellow (24%)
- Blue (100%)



- Cyan (93%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)





- Cyan (93%)
- Magenta (72%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 108.144, 300.239 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, 108.144, 300.239 by changing the saturation by 10% instead.


 41, 108.144,
300.239


 41, 108.144,
300.239


 100, 108.144,
300.239


 31, 108.144,
300.239


 61, 108.144,
300.239


 21, 108.144,
300.239


 71, 108.144,
300.239


 11, 108.144,
300.239


 81, 108.144,
300.239

 1, 108.144,
300.239

 91, 108.144,
300.239

 0, 108.144,
300.239

 41, 108.144,

 41, 108.144,

300.239

300.239

■ 38, 115.728,
302.098

■ 46, 95.889,
297.176

■ 52, 83.225,
294.023

■ 58, 70.690,
291.010

■ 64, 58.516,
288.274

■ 71, 46.751,
285.869

■ 78, 35.373,
283.793

■ 84, 24.346,
282.018

■ 91, 13.637,
280.506

Harmonies

Complementary

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



41, 108.144, 300.239



84, 83.221, 86.455

Rectangle

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



41, 108.144, 300.239



41, 108.144, 350.239



41, 108.144, 120.239



41, 108.144, 170.239

Sweetspot

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



41, 108.100, 300.236



81, 29.667, 282.846



90, 63.508, 168.556



40, 20.610, 283.637



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, 108.100, 300.236



38, 115.728, 302.098



37, 127.241, 307.882



50, 5.875, 280.017



28, 91.774, 301.621



6, 36.668, 296.794

Inverse Universe

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



54, 88.377, 24.901



54, 92.319, 28.677



93, 99.551, 117.812



50, 5.481, 2.169



40, 73.721, 27.621



10, 31.836, 17.393

Previews

White Background



This preview shows how the CIELCh color 41, 108.144, 300.239 looks on a white background.

Color Contrast Check

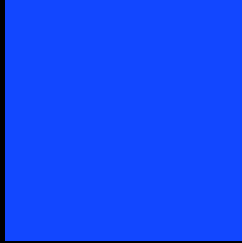
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.144, 300.239 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, 108.144, 300.239

Background



This preview shows how black text looks on a background with the CIELCh color 41, 108.144, 300.239.



This preview shows how white text looks on a background with the CIELCh color 41, 108.144,

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, 108.134, 300.256

Protanopia

40, 62.091, 286.658

Deuteranopia

40, 42.765, 272.712



Tritanopia
40, 25.526, 204.902

Trichromacy



Original Color
41, 108.134, 300.256

Protanomaly
40, 79.471, 293.742

Deuteranomaly
40, 66.842, 289.458

Tritanomaly
39, 44.849, 276.545

Monochromacy



Original Color
41, 108.134, 300.256

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 42.100, 289.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 108.144, 300.239 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(18, 71, 255)` looks like.

```
.text, #text, p{  
    color:rgb(18, 71, 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(18, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 71, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 108.144, 300.239 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(18, 71, 255) }
```

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

```
.border{ border-color:rgb(18, 71, 255) }
```

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

Here you see how a box with a 4 pixel rgb(18, 71, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(18, 71,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 108.144, 300.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 71, 255) }
```

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

```
.background{ background-color: rgb(18, 71,  
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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