

Converting Colors

CIELCh(44, 104.034, 301.580)

Have a look what the booklet for
CIELCh(44, 104.034, 301.580)
contains.

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Color

CIELCh(44, 103.570, 301.513)

Conversions

Conversions Part 1

Format	Color
Hex	474DFF
RGB	71, 77, 255
RGB Percent	28%, 30%, 100%
CMY	0.7222, 0.6984, 0.0005
CMYK	0.72, 0.70, 0.00, 0.00
HSL	238°, 100%, 64%
HSV	238°, 72%, 100%
XYZ	23.2619, 13.8382, 95.9478
YIQ	95.4980, -60.7140, 54.0860

Conversions

Conversions Part 2

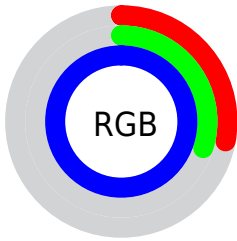
Format	Color
R _Y B	71, 77, 255
Decimal	4673023
CIE Lab	44.00, 54.14, -88.30
CIE LCh	44, 103.570, 301.513
Yxy	13.8382, 0.1748, 0.1040
Android (android.graphics.Color)	4282863103 (0xFF474DFF)
YUV	95.4980, 78.6345, -21.4847
Hunter-Lab	37.1997, 46.5208, -126.8845

Details

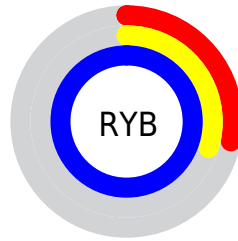
The CIELCh color **44, 103.570, 301.513** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **96, 82.344, 102.027**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 72.138, 300.804**, and **27, 101.305, 303.918** is the 20% darker color. If you saturate the color by 10%, you get **38, 117.490, 303.682**, and if you desaturate by 10%, it is **51, 88.212, 299.160**.

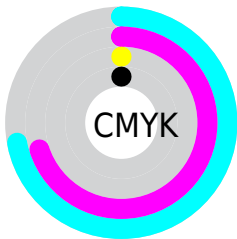
Distribution



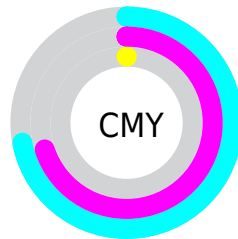
- Red (28%)
- Green (30%)
- Blue (100%)



- Red (28%)
- Yellow (30%)
- Blue (100%)



- Cyan (72%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)





- Cyan (72%)
- Magenta (70%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 103.570, 301.513 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 44, 103.570, 301.513 by changing the saturation by 10% instead.


 44, 103.570,
301.513


 44, 103.570,
301.513


 100, 103.570,
301.513


 34, 103.570,
301.513


 64, 103.570,
301.513


 24, 103.570,
301.513


 74, 103.570,
301.513


 14, 103.570,
301.513

 84, 103.570,
301.513

 4, 103.570,
301.513

 94, 103.570,
301.513

 0, 103.570,
301.513

 44, 103.570,

 44, 103.570,

301.513

■ 38, 117.490,
303.682

■ 34, 127.927,
305.315

■ 33, 132.480,
306.022

301.513

■ 51, 88.212,
299.160

■ 58, 72.684,
296.881

■ 66, 57.550,
294.818

■ 74, 42.993,
293.018

■ 82, 29.035,
291.478

■ 90, 15.647,
290.171

■ 98, 2.787, 289.090

100, 0.051,
108.668

Harmonies

Complementary

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



44, 103.570, 301.513



96, 82.344, 102.027

Rectangle

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



44, 103.570, 301.513



44, 103.570, 351.513



44, 103.570, 121.513



44, 103.570, 171.513

Sweetspot

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



44, 103.571, 301.514



82, 28.759, 291.448



92, 46.936, 192.615



42, 19.432, 291.840



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 103.571, 301.514



36, 123.110, 304.552



50, 103.487, 311.625



49, 7.251, 289.855



23, 106.301, 305.907



4, 43.082, 301.210

Inverse Universe

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



58, 79.007, 29.340



55, 94.362, 35.090



92, 91.565, 125.138



49, 5.254, 17.276



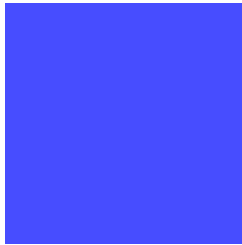
40, 82.790, 38.728



10, 33.097, 25.859

Previews

White Background



This preview shows how the CIELCh color 44, 103.570, 301.513 looks on a white background.

Color Contrast Check

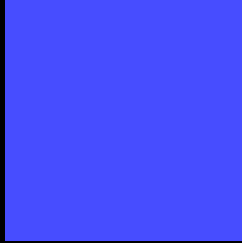
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 103.570, 301.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

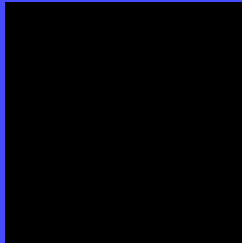
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 103.570, 301.513

Background



This preview shows how black text looks on a background with the CIELCh color 44, 103.570, 301.513.

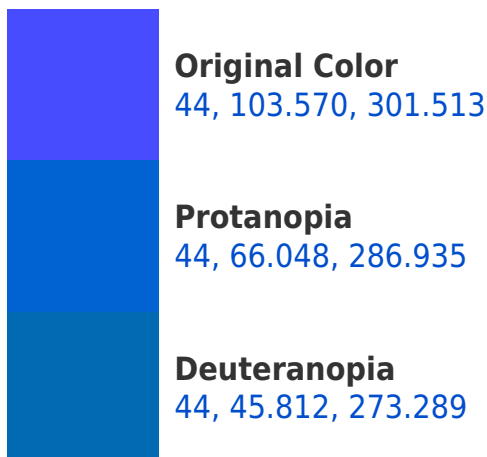



This preview shows how white text looks on a background with the CIELCh color 44, 103.570, 301.513.

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
43, 26.765, 207.096

Trichromacy



Original Color
44, 103.570, 301.513

Protanomaly
43, 80.337, 293.500

Deuteranomaly
43, 67.256, 289.195

Tritanomaly
42, 43.316, 274.795

Monochromacy



Original Color
44, 103.570, 301.513

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 39.568, 294.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 103.570, 301.513 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(71, 77, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 77, 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(71, 77, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 77, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 103.570, 301.513 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(71, 77, 255) }
```

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

```
.border{ border-color:rgb(71, 77, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 77, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 77, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 77, 255); box-shadow:4px 4px 4px 4px rgb(71, 77, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 103.570, 301.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 77, 255) }
```

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

```
.background{ background-color: rgb(71, 77,  
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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