

Converting Colors

CIELCh(43, 106.314, 302.863)

Have a look what the booklet for
CIELCh(43, 106.314, 302.863)
contains.

CIELCh(43, 106.280, 302.791)	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(43, 106.280, 302.791)

Conversions

Conversions Part 1

Format	Color
Hex	4C47FE
RGB	76, 71, 254
RGB Percent	30%, 28%, 100%
CMY	0.7029, 0.7222, 0.0046
CMYK	0.70, 0.72, 0.00, 0.00
HSL	242°, 99%, 64%
HSV	242°, 72%, 100%
XYZ	23.0646, 13.1578, 94.9376
YIQ	93.3570, -55.7630, 57.9730

Conversions

Conversions Part 2

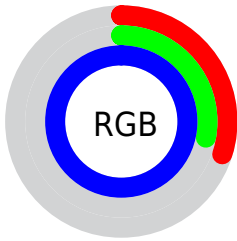
Format	Color
R_{YB}	76, 71, 254
Decimal	4999166
CIE _{Lab}	43.00, 57.56, -89.34
CIE _{LCh}	43, 106.280, 302.791
Yxy	13.1578, 0.1759, 0.1003
Android (android.graphics.Color)	4283189246 (0xFF4C47FE)
YUV	93.3570, 79.1970, -15.2221
Hunter-Lab	36.2736, 50.0203, -129.7859

Details

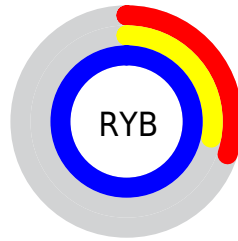
The CIELCh color **43, 106.280, 302.791** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **97, 84.078, 105.148**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 75.210, 302.759**, and **26, 103.685, 304.696** is the 20% darker color. If you saturate the color by 10%, you get **37, 119.857, 304.615**, and if you desaturate by 10%, it is **50, 90.794, 300.716**.

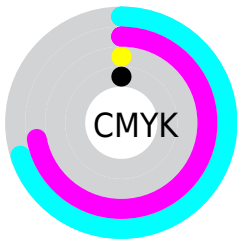
Distribution



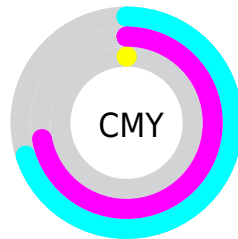
- Red (30%)
- Green (28%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 106.280, 302.791 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 43, 106.280, 302.791 by changing the saturation by 10% instead.


 43, 106.280,
302.791


 43, 106.280,
302.791


 100, 106.280,
302.791


 33, 106.280,
302.791


 63, 106.280,
302.791


 23, 106.280,
302.791


 73, 106.280,
302.791

 13, 106.280,
302.791

 83, 106.280,
302.791

 3, 106.280,
302.791

 93, 106.280,
302.791

 0, 106.280,
302.791

 43, 106.280,

 43, 106.280,

302.791

■ 37, 119.857,
304.615

■ 34, 129.319,
305.844

■ 32, 133.229,
306.340

302.791

■ 50, 90.794,
300.716

■ 57, 74.892,
298.658

■ 65, 59.287,
296.769

■ 73, 44.240,
295.108

■ 82, 29.810,
293.680

■ 90, 15.981,
292.466

■ 98, 2.714, 291.454

■ 100, 0.588,
110.002

Harmonies

Complementary

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



43, 106.280, 302.791



97, 84.078, 105.148

Rectangle

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



43, 106.280, 302.791



43, 106.280, 352.791



43, 106.280, 122.791



43, 106.280, 172.791

Sweetspot

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



43, 106.281, 302.792



82, 29.799, 293.669



90, 44.974, 198.709



41, 20.137, 294.034



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 106.281, 302.792



35, 125.619, 305.314



51, 102.675, 312.955



49, 7.507, 292.184



23, 107.647, 306.363



3, 44.193, 302.304

Inverse Universe

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



64, 100.579, 328.737



61, 110.164, 329.130



91, 92.478, 126.895



50, 8.893, 325.674



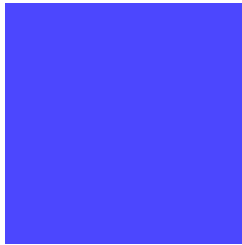
45, 91.142, 329.330



12, 42.036, 329.195

Previews

White Background



This preview shows how the CIE LCh color 43, 106.280, 302.791 looks on a white background.

Color Contrast Check

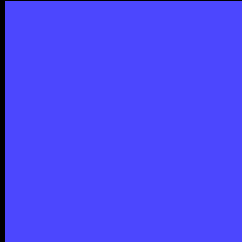
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 43, 106.280, 302.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

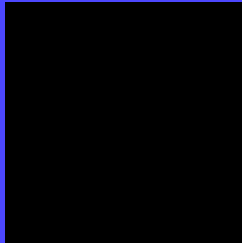
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 106.280, 302.791

Background



This preview shows how black text looks on a background with the CIELCh color 43, 106.280, 302.791.

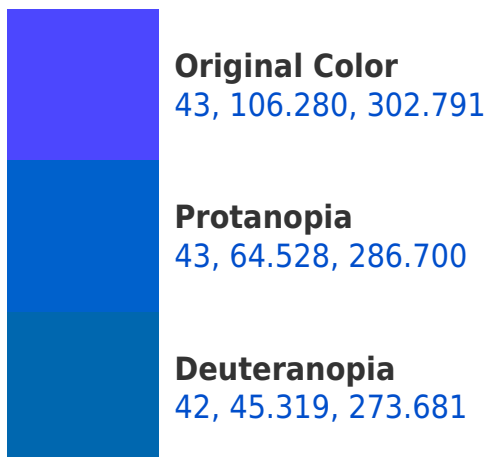



This preview shows how white text looks on a background with the CIELCh color 43, 106.280, 302.791.

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, 26.488, 205.875

Trichromacy



Original Color
43, 106.280, 302.791

Protanomaly
42, 80.680, 294.299

Deuteranomaly
41, 68.103, 290.354

Tritanomaly
41, 44.375, 277.209

Monochromacy



Original Color
43, 106.280, 302.791

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 40.365, 296.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 106.280, 302.791 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(76, 71, 254)` looks like.

```
.text, #text, p{  
    color:rgb(76, 71, 254)  
}
```

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(76, 71, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 71, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 106.280, 302.791 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(76, 71, 254) }
```

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

```
.border{ border-color:rgb(76, 71, 254) }
```

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

Here you see how a box with a 4 pixel rgb(76, 71, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 71, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 71, 254);  
box-shadow:4px 4px 4px 4px rgb(76, 71,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 106.280, 302.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 71, 254) }
```

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

```
.background{ background-color: rgb(76, 71,  
254) }
```

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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