

Converting Colors

CIELCh(43, 96.959, 302.481)

Have a look what the booklet for
CIELCh(43, 96.959, 302.481)
contains.

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Color

CIELCh(43, 96.614, 302.405)

Conversions

Conversions Part 1

Format	Color
Hex	534BF0
RGB	83, 75, 240
RGB Percent	33%, 29%, 94%
CMY	0.6746, 0.7060, 0.0589
CMYK	0.65, 0.69, 0.00, 0.06
HSL	243°, 85%, 62%
HSV	243°, 69%, 94%
XYZ	21.8051, 13.1578, 83.8130
YIQ	96.2020, -48.1970, 53.0110

Conversions

Conversions Part 2

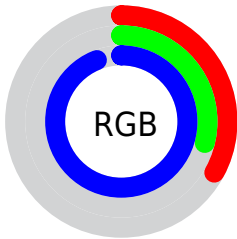
Format	Color
R _Y B	83, 75, 240
Decimal	5458928
CIE Lab	43.00, 51.78, -81.57
CIE LCh	43, 96.614, 302.405
Yxy	13.1578, 0.1836, 0.1108
Android (android.graphics.Color)	4283649008 (0xFF534BF0)
YUV	96.2020, 70.8924, -11.5782
Hunter-Lab	36.2736, 43.8225, -111.6025

Details

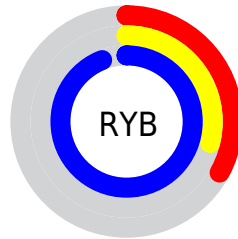
The CIELCh color **43, 96.614, 302.405** is a dark color, and the websafe version is hex **3333CC**. The color can be described as middle washed blue. A complement of this color would be **92, 77.795, 106.439**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 73.380, 302.515**, and **24, 95.474, 303.791** is the 20% darker color. If you saturate the color by 10%, you get **37, 110.395, 304.237**, and if you desaturate by 10%, it is **50, 81.619, 300.433**.

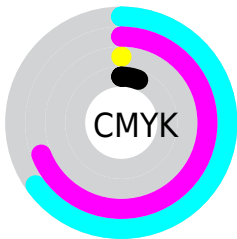
Distribution



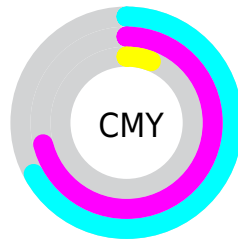
- Red (33%)
- Green (29%)
- Blue (94%)



- Red (33%)
- Yellow (29%)
- Blue (94%)



- Cyan (65%)
- Magenta (69%)
- Yellow (0%)
- Black (6%)





- Cyan (67%)
- Magenta (71%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 96.614, 302.405 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, 96.614, 302.405 by changing the saturation by 10% instead.


 43, 96.614,
302.405


 43, 96.614,
302.405


 100, 96.614,
302.405


 33, 96.614,
302.405

 63, 96.614,
302.405


 23, 96.614,
302.405

 73, 96.614,
302.405

 13, 96.614,
302.405

 83, 96.614,
302.405

 3, 96.614, 302.405

 93, 96.614,
302.405

 0, 96.614, 302.405

 43, 96.614,

 43, 96.614,

302.405

302.405

■ 37, 110.395,
304.237

■ 50, 81.619,
300.433

■ 33, 121.088,
305.613

■ 57, 66.514,
298.533

■ 31, 127.026,
306.314

■ 65, 51.792,
296.813

■ 30, 127.587,
306.391

■ 73, 37.621,
295.310

■ 80, 24.029,
294.018

■ 88, 10.994,
292.919

■ 96, 1.520, 111.943

■ 100, 7.603,
109.599

Harmonies

Complementary

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



43, 96.614, 302.405



92, 77.795, 106.439

Rectangle

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



43, 96.614, 302.405



43, 96.614, 352.405



43, 96.614, 122.405



43, 96.614, 172.405

Sweetspot

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



43, 96.615, 302.406



83, 28.399, 294.299



85, 41.328, 200.833



42, 19.333, 294.649



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, 96.615, 302.406



37, 121.181, 304.935



51, 94.194, 313.347



46, 7.138, 292.992



22, 104.309, 306.431



3, 37.927, 299.884

Inverse Universe

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



61, 92.035, 329.350



61, 106.702, 329.854



87, 85.708, 127.445



47, 8.329, 326.277



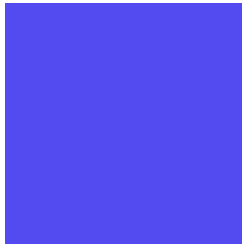
43, 86.931, 330.258



10, 38.150, 329.963

Previews

White Background



This preview shows how the CIELCh color 43, 96.614, 302.405 looks on a white background.

Color Contrast Check

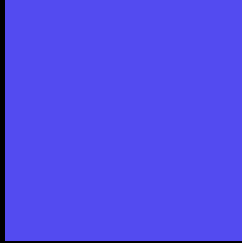
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.614, 302.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

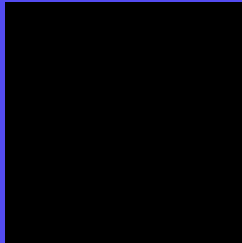
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 96.614, 302.405

Background



This preview shows how black text looks on a background with the CIELCh color 43, 96.614, 302.405.



This preview shows how white text looks on a background with the CIELCh color 43, 96.614, 302.405.

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

43, 96.614, 302.405

Protanopia

43, 65.082, 286.923

Deuteranopia

43, 45.312, 273.392



Tritanopia
43, 26.423, 207.271

Trichromacy



Original Color
43, 96.614, 302.405

Protanomaly
42, 77.167, 293.290

Deuteranomaly
42, 63.998, 288.748

Tritanomaly
41, 41.096, 274.067

Monochromacy



Original Color
43, 96.614, 302.405

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 36.591, 296.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 96.614, 302.405 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(83, 75, 240)` looks like.

```
.text, #text, p{  
    color:rgb(83, 75, 240)  
}
```

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(83, 75, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 75, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 96.614, 302.405 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(83, 75, 240) }
```

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

```
.border{ border-color:rgb(83, 75, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 75, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 75, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 75, 240);  
box-shadow:4px 4px 4px 4px rgb(83, 75,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 96.614, 302.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 75, 240) }
```

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

```
.background{ background-color: rgb(83, 75,  
240) }
```

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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