

Converting Colors

CIELCh(43, 110.002, 304.677)

Have a look what the booklet for
CIELCh(43, 110.002, 304.677)
contains.

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Color

CIELCh(43, 109.447, 304.631)

Conversions

Conversions Part 1

Format	Color
Hex	5941FF
RGB	89, 65, 255
RGB Percent	35%, 25%, 100%
CMY	0.6502, 0.7446, 0.0000
CMYK	0.65, 0.74, 0.00, 0.00
HSL	248°, 100%, 63%
HSV	248°, 74%, 100%
XYZ	24.1092, 13.1578, 96.0024
YIQ	93.8360, -46.6860, 64.1780

Conversions

Conversions Part 2

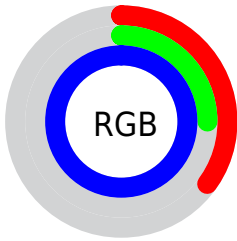
Format	Color
R_{YB}	89, 65, 255
Decimal	5849599
CIE _{Lab}	43.00, 62.20, -90.06
CIE _{LCh}	43, 109.447, 304.631
Yxy	13.1578, 0.1809, 0.0987
Android (android.graphics.Color)	4284039679 (0xFF5941FF)
YUV	93.8360, 79.4539, -4.2412
Hunter-Lab	36.2736, 55.1606, -131.5264

Details

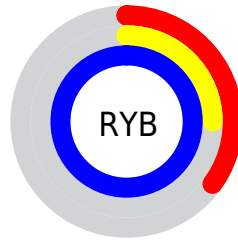
The CIELCh color **43, 109.447, 304.631** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed blue. A complement of this color would be **96, 86.841, 110.178**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 78.300, 305.757**, and **25, 107.737, 305.667** is the 20% darker color. If you saturate the color by 10%, you get **38, 121.971, 305.860**, and if you desaturate by 10%, it is **50, 94.487, 303.103**.

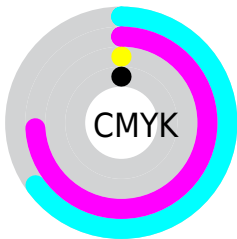
Distribution



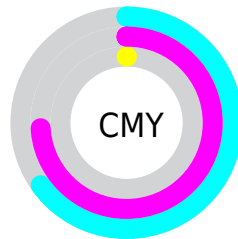
- Red (35%)
- Green (25%)
- Blue (100%)



- Red (35%)
- Yellow (25%)
- Blue (100%)



- Cyan (65%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)





- Cyan (65%)
- Magenta (74%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 109.447, 304.631 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, 109.447, 304.631 by changing the saturation by 10% instead.


 43, 109.447,
304.631


 43, 109.447,
304.631


 100, 109.447,
304.631


 33, 109.447,
304.631


 63, 109.447,
304.631


 23, 109.447,
304.631


 73, 109.447,
304.631

 13, 109.447,
304.631


 83, 109.447,
304.631

 3, 109.447,
304.631

 93, 109.447,
304.631

 0, 109.447,
304.631

 43, 109.447,

 43, 109.447,

304.631

304.631

■ 38, 121.971,
305.860

■ 50, 94.487,
303.103

■ 34, 130.301,
306.516

■ 57, 78.828,
301.511

■ 33, 133.010,
306.661

■ 65, 63.225,
299.999

■ 72, 48.045,
298.634

■ 80, 33.416,
297.435

■ 88, 19.361,
296.399

■ 96, 5.862, 295.511

■ 100, 0.012,
296.813

Harmonies

Complementary

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



43, 109.447, 304.631



96, 86.841, 110.178

Rectangle

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



43, 109.447, 304.631



43, 109.447, 354.631



43, 109.447, 124.631



43, 109.447, 174.631

Sweetspot

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



43, 109.374, 304.631



82, 29.904, 297.165



85, 41.560, 213.428



42, 20.204, 297.463



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, 109.374, 304.631



36, 126.390, 306.242



53, 105.120, 315.777



49, 7.539, 295.941



24, 107.001, 306.739



4, 44.415, 304.208

Inverse Universe

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



62, 96.043, 332.591



60, 103.035, 333.457



90, 97.859, 130.053



50, 8.300, 328.638



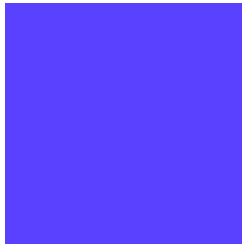
44, 84.263, 334.035



12, 39.229, 333.250

Previews

White Background



This preview shows how the CIE LCh color 43, 109.447, 304.631 looks on a white background.

Color Contrast Check

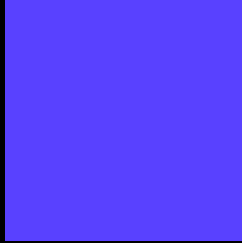
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 109.447, 304.631 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, 109.447, 304.631

Background



This preview shows how black text looks on a background with the CIELCh color 43, 109.447, 304.631.



This preview shows how white text looks on a background with the CIELCh color 43, 109.447, 304.631.

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, 109.447, 304.631

Protanopia

43, 65.082, 286.923

Deuteranopia

43, 44.799, 272.913



Tritanopia
43, 26.423, 207.271

Trichromacy



Original Color
43, 109.447, 304.631



Protanomaly
41, 82.465, 295.185



Deuteranomaly
41, 68.696, 291.008



Tritanomaly
40, 45.951, 279.583

Monochromacy



Original Color
43, 109.447, 304.631



Achromatopsia
40, 0.006, 296.813



Achromatomaly
39, 42.922, 300.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 109.447, 304.631 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(89, 65, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 65, 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(89, 65, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 65, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 109.447, 304.631 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(89, 65, 255) }
```

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

```
.border{ border-color:rgb(89, 65, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 65, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 65, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 65, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 65,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 109.447, 304.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 65, 255) }
```

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

```
.background{ background-color: rgb(89, 65,  
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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