

Converting Colors

CIELCh(43, 101.987, 300.575)

Have a look what the booklet for
CIELCh(43, 101.987, 300.575)
contains.

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Color

CIELCh(43, 101.843, 300.567)

Conversions

Conversions Part 1

Format	Color
Hex	3B4DFB
RGB	59, 77, 251
RGB Percent	23%, 30%, 98%
CMY	0.7698, 0.6987, 0.0165
CMYK	0.77, 0.69, 0.00, 0.02
HSL	234°, 96%, 61%
HSV	234°, 77%, 98%
XYZ	21.8086, 13.1578, 92.4932
YIQ	91.4540, -66.5820, 50.2980

Conversions

Conversions Part 2

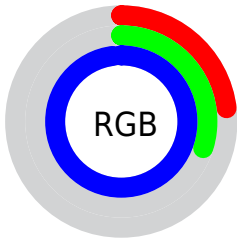
Format	Color
RYB	59, 75, 251
Decimal	3886587
CIELab	43.00, 51.79, -87.69
CIELCh	43, 101.843, 300.567
Yxy	13.1578, 0.1711, 0.1032
Android (android.graphics.Color)	4282076667 (0xFF3B4DFB)
YUV	91.4540, 78.6562, -28.4622
Hunter-Lab	36.2736, 43.8397, -125.7906

Details

The CIELCh color **43, 101.843, 300.567** 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 **91, 80.822, 98.129**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 72.153, 299.181**, and **26, 98.935, 303.674** is the 20% darker color. If you saturate the color by 10%, you get **38, 114.964, 302.975**, and if you desaturate by 10%, it is **49, 87.511, 297.984**.

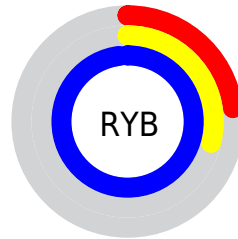
Distribution



 Red (23%)

 Green (30%)

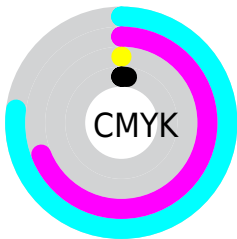
 Blue (98%)




 Red (23%)

 Yellow (29%)

 Blue (98%)

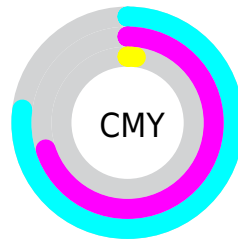


 Cyan (77%)


 Magenta (69%)

 Yellow (0%)

 Black (2%)



 Cyan (77%)


 Magenta (70%)


 Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 101.843, 300.567 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, 101.843, 300.567 by changing the saturation by 10% instead.


 43, 101.843,
300.567


 43, 101.843,
300.567


 100, 101.843,
300.567


 33, 101.843,
300.567


 63, 101.843,
300.567


 23, 101.843,
300.567


 73, 101.843,
300.567

 13, 101.843,
300.567


 83, 101.843,
300.567

 3, 101.843,
300.567

 93, 101.843,
300.567

 0, 101.843,
300.567

 43, 101.843,

 43, 101.843,

300.567

300.567

■ 38, 114.964,
302.975

■ 49, 87.511,
297.984

■ 34, 125.133,
304.873

■ 56, 73.053,
295.482

■ 33, 127.642,
305.328

■ 64, 58.960,
293.207

■ 71, 45.385,
291.212

■ 79, 32.345,
289.498

■ 86, 19.810,
288.039

■ 94, 7.739, 286.805

■ 100, 2.118,
109.983

Harmonies

Complementary

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



43, 101.843, 300.567



91, 80.822, 98.129

Rectangle

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



43, 101.843, 300.567



43, 101.843, 350.567



43, 101.843, 120.567



43, 101.843, 170.567

Sweetspot

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



43, 101.844, 300.568



82, 28.157, 288.949



90, 50.065, 184.669



41, 19.623, 289.504



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, 101.844, 300.568



36, 122.559, 304.099



46, 107.965, 310.096



48, 6.680, 287.140



24, 102.155, 305.076



4, 39.232, 299.192

Inverse Universe

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



56, 80.052, 26.788



54, 94.976, 33.696



91, 92.454, 122.692



49, 5.197, 12.324



39, 79.402, 36.190



9, 31.552, 22.315

Previews

White Background



This preview shows how the CIE LCh color 43, 101.843, 300.567 looks on a white background.

Color Contrast Check

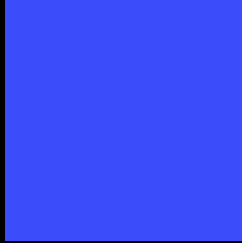
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101.843, 300.567 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, 101.843, 300.567

Background



This preview shows how black text looks on a background with the CIELCh color 43, 101.843, 300.567.



This preview shows how white text looks on a background with the CIELCh color 43, 101.843, 300.567.

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, 101.843, 300.567

Protanopia

43, 64.528, 286.700

Deuteranopia

42, 45.319, 273.681



Tritanopia
43, 26.567, 204.487

Trichromacy



Original Color
43, 101.843, 300.567

Protanomaly
42, 78.270, 292.958

Deuteranomaly
42, 66.341, 288.966

Tritanomaly
41, 42.400, 273.928

Monochromacy



Original Color
43, 101.843, 300.567

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 38.560, 292.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 101.843, 300.567 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(59, 77, 251)` looks like.

```
.text, #text, p{  
    color:rgb(59, 77, 251)  
}
```

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(59, 77, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 77, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 101.843, 300.567 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(59, 77, 251) }
```

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

```
.border{ border-color:rgb(59, 77, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 77, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 77, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 77, 251);  
box-shadow:4px 4px 4px 4px rgb(59, 77,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 101.843, 300.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 77, 251) }
```

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

```
.background{ background-color: rgb(59, 77,  
251) }
```

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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