

Converting Colors

CIELCh(43, 83.664, 293.807)

Have a look what the booklet for
CIELCh(43, 83.664, 293.807)
contains.

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Color

CIELCh(43, 83.836, 293.875)

Conversions

Conversions Part 1

Format	Color
Hex	095AE7
RGB	9, 90, 231
RGB Percent	4%, 35%, 91%
CMY	0.9661, 0.6467, 0.0937
CMYK	0.96, 0.61, 0.00, 0.09
HSL	218°, 93%, 47%
HSV	218°, 96%, 91%
XYZ	18.2097, 13.1578, 77.2600
YIQ	81.8550, -93.5370, 26.6790

Conversions

Conversions Part 2

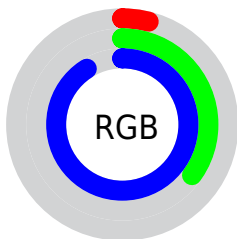
Format	Color
R _Y B	9, 68, 231
Decimal	613095
CIE Lab	43.00, 33.93, -76.66
CIE LCh	43, 83.836, 293.875
Yxy	13.1578, 0.1676, 0.1211
Android (android.graphics.Color)	4278803175 (0xFF095AE7)
YUV	81.8550, 73.5285, -63.8938
Hunter-Lab	36.2736, 26.1296, -100.8916

Details

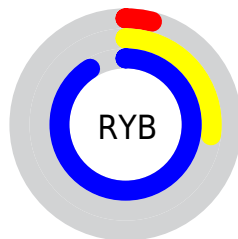
The CIELCh color **43, 83.836, 293.875** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **69, 75.532, 73.065**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 65.205, 290.456**, and **27, 80.917, 299.864** is the 20% darker color. If you saturate the color by 10%, you get **42, 87.376, 295.224**, and if you desaturate by 10%, it is **47, 74.389, 290.036**.

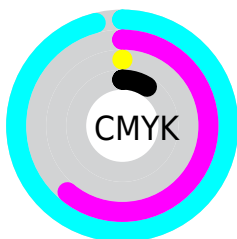
Distribution



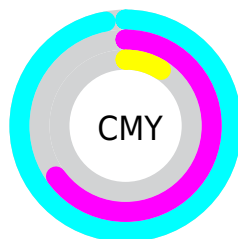
- Red (4%)
- Green (35%)
- Blue (91%)



- Red (4%)
- Yellow (27%)
- Blue (91%)



- Cyan (96%)
- Magenta (61%)
- Yellow (0%)
- Black (9%)





- Cyan (97%)
- Magenta (65%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 83.836, 293.875 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, 83.836, 293.875 by changing the saturation by 10% instead.


 43, 83.836,
293.875


 43, 83.836,
293.875


 100, 83.836,
293.875


 33, 83.836,
293.875

 63, 83.836,
293.875


 23, 83.836,
293.875

 73, 83.836,
293.875

 13, 83.836,
293.875

 83, 83.836,
293.875

 3, 83.836, 293.875

 93, 83.836,
293.875

 0, 83.836, 293.875

 43, 83.836,

 43, 83.836,

293.875

■ 42, 87.376,
295.224

293.875

■ 47, 74.389,
290.036

■ 52, 65.097,
286.257

■ 57, 56.045,
282.736

■ 62, 47.217,
279.581

■ 67, 38.566,
276.827

■ 72, 30.048,
274.459

■ 77, 21.639,
272.439

■ 83, 13.326,
270.723

Harmonies

Complementary

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



43, 83.836, 293.875



69, 75.532, 73.065

Rectangle

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



43, 83.836, 293.875



43, 83.836, 343.875



43, 83.836, 113.875



43, 83.836, 163.875

Sweetspot

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



43, 83.837, 293.877



83, 25.922, 272.991



82, 70.244, 157.437



42, 17.830, 273.857



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, 83.837, 293.877



46, 94.668, 295.433



30, 121.525, 306.593



45, 4.612, 269.711



32, 70.744, 294.566



6, 24.434, 286.113

Inverse Universe

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



49, 78.463, 13.836



54, 85.807, 16.139



87, 90.337, 110.852



45, 5.383, 352.371



38, 65.375, 14.790



7, 26.785, 4.537

Previews

White Background



This preview shows how the CIE LCh color 43, 83.836, 293.875 looks on a white background.

Color Contrast Check

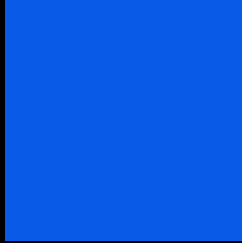
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.836, 293.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

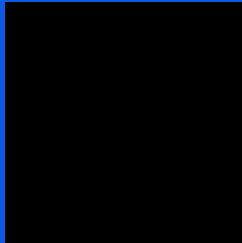
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 83.836, 293.875

Background



This preview shows how black text looks on a background with the CIELCh color 43, 83.836, 293.875.



This preview shows how white text looks on a background with the CIELCh color 43, 83.836, 293.875.

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, 83.831, 293.895

Protanopia

43, 65.636, 287.142

Deuteranopia

43, 45.312, 273.392



Tritanopia
43, 26.488, 205.875

Trichromacy



Original Color
43, 83.831, 293.895

Protanomaly
43, 72.503, 290.158

Deuteranomaly
43, 58.856, 283.875

Tritanomaly
42, 37.377, 264.437

Monochromacy



Original Color
43, 83.831, 293.895

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 32.273, 279.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 83.836, 293.875 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(9, 90, 231)` looks like.

```
.text, #text, p{  
    color:rgb(9, 90, 231)  
}
```

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(9, 90, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 90, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 83.836, 293.875 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(9, 90, 231) }
```

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

```
.border{ border-color:rgb(9, 90, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 90, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 90, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 90, 231);  
box-shadow:4px 4px 4px 4px rgb(9, 90, 231)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 83.836, 293.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 90, 231) }
```

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

```
.background{ background-color: rgb(9, 90,  
231) }
```

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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