

Converting Colors

CIELCh(43, 74.817, 290.937)

Have a look what the booklet for
CIELCh(43, 74.817, 290.937)
contains.

CIELCh(43, 74.700, 290.896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 74.700, 290.896)

Conversions

Conversions Part 1

Format	Color
Hex	065EDB
RGB	6, 94, 219
RGB Percent	2%, 37%, 86%
CMY	0.9764, 0.6314, 0.1412
CMYK	0.97, 0.57, 0.00, 0.14
HSL	215°, 95%, 44%
HSV	215°, 97%, 86%
XYZ	16.8629, 13.1578, 68.6668
YIQ	81.9380, -92.5730, 20.2190

Conversions

Conversions Part 2

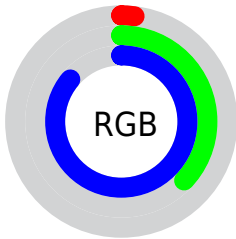
Format	Color
R _Y B	6, 68, 219
Decimal	417499
CIE Lab	43.00, 26.64, -69.79
CIE LCh	43, 74.700, 290.896
Yxy	13.1578, 0.1709, 0.1333
Android (android.graphics.Color)	4278607579 (0xFF065EDB)
YUV	81.9380, 67.5716, -66.5976
Hunter-Lab	36.2736, 19.5025, -86.8457

Details

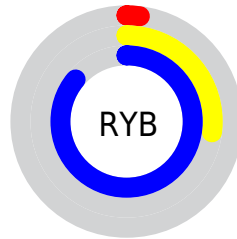
The CIELCh color **43, 74.700, 290.896** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **63, 73.057, 68.516**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 62.371, 287.797**, and **27, 72.207, 297.684** is the 20% darker color. If you saturate the color by 10%, you get **42, 76.991, 291.953**, and if you desaturate by 10%, it is **47, 66.489, 286.813**.

Distribution



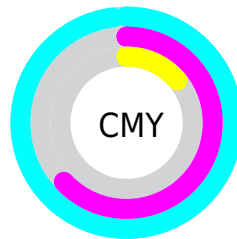
- Red (2%)
- Green (37%)
- Blue (86%)



- Red (2%)
- Yellow (27%)
- Blue (86%)



- Cyan (97%)
- Magenta (57%)
- Yellow (0%)
- Black (14%)



- Cyan (98%)
- Magenta (63%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 74.700, 290.896 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, 74.700, 290.896 by changing the saturation by 10% instead.

 43, 74.700,
290.896


 43, 74.700,
290.896


 100, 74.700,
290.896

 33, 74.700,
290.896

 63, 74.700,
290.896


 23, 74.700,
290.896

 73, 74.700,
290.896

 13, 74.700,
290.896

 83, 74.700,
290.896

 3, 74.700, 290.896

 93, 74.700,
290.896

 0, 74.700, 290.896

 43, 74.700,

 43, 74.700,

290.896

■ 42, 76.991,
291.953

290.896

■ 47, 66.489,
286.813

■ 51, 58.479,
282.826

■ 55, 50.667,
279.138

■ 60, 42.998,
275.850

■ 64, 35.414,
272.991

■ 69, 27.873,
270.542

■ 74, 20.357,
268.460

■ 79, 12.864,
266.696

Harmonies

Complementary

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



43, 74.700, 290.896



63, 73.057, 68.516

Rectangle

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



43, 74.700, 290.896



43, 74.700, 340.896



43, 74.700, 110.896



43, 74.700, 160.896

Sweetspot

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



43, 74.700, 290.898



84, 24.518, 268.848



77, 71.764, 154.079



42, 16.836, 269.731



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, 74.700, 290.898



49, 87.163, 292.315



28, 117.531, 306.351



44, 4.232, 265.517



33, 63.604, 291.279



6, 20.555, 280.940

Inverse Universe

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



47, 74.910, 9.692



54, 84.788, 11.529



84, 86.297, 107.947



43, 5.331, 349.414



37, 63.365, 10.136



6, 24.372, 0.378

Previews

White Background



This preview shows how the CIE LCh color 43, 74.700, 290.896 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, 74.700, 290.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

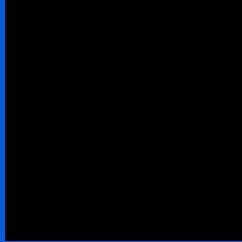
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 74.700, 290.896

Background



This preview shows how black text looks on a background with the CIELCh color 43, 74.700, 290.896.



This preview shows how white text looks on a background with the CIELCh color 43, 74.700, 290.896.

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, 74.700, 290.896

Protanopia

43, 66.190, 287.357

Deuteranopia

43, 46.344, 274.318



Tritanopia
43, 26.488, 205.875

Trichromacy



Original Color
43, 74.700, 290.896

Protanomaly
43, 69.023, 288.639

Deuteranomaly
43, 56.615, 282.460

Tritanomaly
42, 34.743, 259.597

Monochromacy



Original Color
43, 74.700, 290.896

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 29.487, 275.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 74.700, 290.896 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(6, 94, 219)` looks like.

```
.text, #text, p{  
    color:rgb(6, 94, 219)  
}
```

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(6, 94, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 94, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 74.700, 290.896 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(6, 94, 219) }
```

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

```
.border{ border-color:rgb(6, 94, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 94, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 94, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 94, 219);  
box-shadow:4px 4px 4px 4px rgb(6, 94, 219)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 74.700, 290.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 94, 219) }
```

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

```
.background{ background-color: rgb(6, 94,  
219) }
```

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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