

Converting Colors

CIELCh(43, 76.305, 296.535)

Have a look what the booklet for
CIELCh(43, 76.305, 296.535)
contains.

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Color

CIELCh(43, 76.111, 296.577)

Conversions

Conversions Part 1

Format	Color
Hex	4358D8
RGB	67, 88, 216
RGB Percent	26%, 35%, 85%
CMY	0.7366, 0.6545, 0.1525
CMYK	0.69, 0.59, 0.00, 0.15
HSL	232°, 66%, 56%
HSV	232°, 69%, 85%
XYZ	18.2324, 13.1578, 66.6236
YIQ	96.3130, -53.6040, 35.3560

Conversions

Conversions Part 2

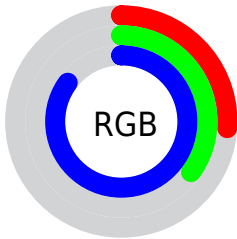
Format	Color
R_{YB}	67, 85, 216
Decimal	4413656
CIE _{Lab}	43.00, 34.05, -68.07
CIE _{LCh}	43, 76.111, 296.577
Yxy	13.1578, 0.1860, 0.1342
Android (android.graphics.Color)	4282603736 (0xFF4358D8)
YUV	96.3130, 59.0057, -25.7075
Hunter-Lab	36.2736, 26.2416, -83.5060

Details

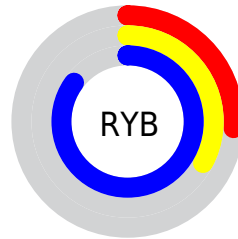
The CIELCh color **43, 76.111, 296.577** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **79, 64.360, 96.049**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 65.451, 295.429**, and **25, 75.119, 299.460** is the 20% darker color. If you saturate the color by 10%, you get **38, 88.302, 299.329**, and if you desaturate by 10%, it is **49, 63.932, 293.941**.

Distribution



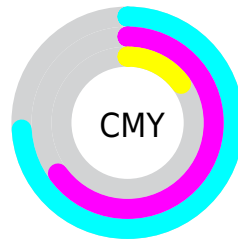
- Red (26%)
- Green (35%)
- Blue (85%)



- Red (26%)
- Yellow (33%)
- Blue (85%)



- Cyan (69%)
- Magenta (59%)
- Yellow (0%)
- Black (15%)





- Cyan (74%)
- Magenta (65%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 76.111, 296.577 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, 76.111, 296.577 by changing the saturation by 10% instead.


 43, 76.111,
296.577


 43, 76.111,
296.577


 100, 76.111,
296.577


 33, 76.111,
296.577


 63, 76.111,
296.577


 23, 76.111,
296.577

 73, 76.111,
296.577

 13, 76.111,
296.577

 83, 76.111,
296.577

 3, 76.111, 296.577

 93, 76.111,
296.577

 0, 76.111, 296.577

 43, 76.111,

 43, 76.111,

296.577

296.577

■ 38, 88.302,
299.329

■ 49, 63.932,
293.941

■ 33, 99.755,
301.957

■ 55, 52.088,
291.548

■ 29, 109.236,
304.133

■ 61, 40.670,
289.449

■ 29, 110.092,
304.317


■ 68, 29.679,
287.640

■ 74, 19.085,
286.095

■ 81, 8.855, 284.783

■ 87, 1.039, 103.511

■ 93, 10.621,
102.658

 99, 19.654,
108.690

Harmonies

Complementary

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



43, 76.111, 296.577



79, 64.360, 96.049

Rectangle

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



43, 76.111, 296.577



43, 76.111, 346.577



43, 76.111, 116.577



43, 76.111, 166.577

Sweetspot

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



43, 76.111, 296.578



85, 24.314, 286.425



79, 43.964, 180.446



43, 16.535, 286.846



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, 76.111, 296.578



42, 106.527, 300.638



43, 87.441, 308.507



42, 5.595, 284.842



22, 91.370, 303.994



3, 24.903, 290.679

Inverse Universe

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



51, 62.960, 20.177



56, 85.070, 26.302



80, 75.118, 120.556



42, 4.619, 8.652



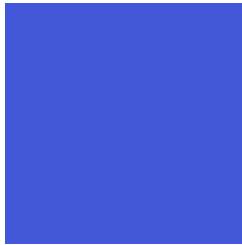
35, 71.372, 33.237



5, 21.989, 13.502

Previews

White Background



This preview shows how the CIE LCh color 43, 76.111, 296.577 looks on a white background.

Color Contrast Check

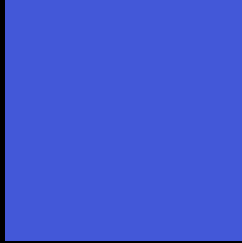
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.111, 296.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

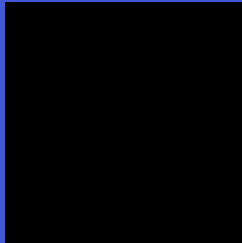
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 76.111, 296.577

Background



This preview shows how black text looks on a background with the CIELCh color 43, 76.111, 296.577.



This preview shows how white text looks on a background with the CIELCh color 43, 76.111, 296.577.

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





Tritanopia
43, 26.423, 207.271

Trichromacy



Original Color
43, 76.111, 296.577

Protanomaly
43, 69.583, 290.017

Deuteranomaly
42, 57.055, 284.325

Tritanomaly
42, 34.892, 263.942

Monochromacy



Original Color
43, 76.111, 296.577

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 28.577, 289.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 76.111, 296.577 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(67, 88, 216)` looks like.

```
.text, #text, p{  
    color:rgb(67, 88, 216)  
}
```

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(67, 88, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 88, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 76.111, 296.577 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(67, 88, 216) }
```

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

```
.border{ border-color:rgb(67, 88, 216) }
```

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

Here you see how a box with a 4 pixel rgb(67, 88, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 88, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 88, 216);  
box-shadow:4px 4px 4px 4px rgb(67, 88,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 76.111, 296.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 88, 216) }
```

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

```
.background{ background-color: rgb(67, 88,  
216) }
```

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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