

Converting Colors

CIELCh(43, 79.034, 292.264)

Have a look what the booklet for
CIELCh(43, 79.034, 292.264)
contains.

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Color

CIELCh(43, 79.298, 292.389)

Conversions

Conversions Part 1

Format	Color
Hex	045CE1
RGB	4, 92, 225
RGB Percent	2%, 36%, 88%
CMY	0.9836, 0.6386, 0.1168
CMYK	0.98, 0.59, 0.00, 0.12
HSL	216°, 96%, 45%
HSV	216°, 98%, 88%
XYZ	17.5122, 13.1578, 72.9989
YIQ	80.8500, -95.1410, 22.7070

Conversions

Conversions Part 2

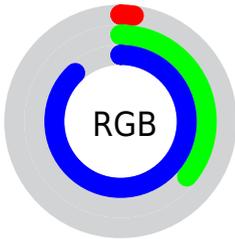
Format	Color
R _Y B	4, 67, 225
Decimal	285921
CIE Lab	43.00, 30.20, -73.32
CIE LCh	43, 79.298, 292.389
Yxy	13.1578, 0.1689, 0.1269
Android (android.graphics.Color)	4278476001 (0xFF045CE1)
YUV	80.8500, 71.0660, -67.3974
Hunter-Lab	36.2736, 22.6975, -93.9266

Details

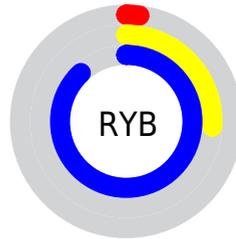
The CIELCh color **43, 79.298, 292.389** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **65, 74.786, 69.600**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 64.092, 289.157**, and **27, 76.336, 298.806** is the 20% darker color. If you saturate the color by 10%, you get **42, 80.929, 293.081**, and if you desaturate by 10%, it is **47, 70.598, 288.401**.

Distribution



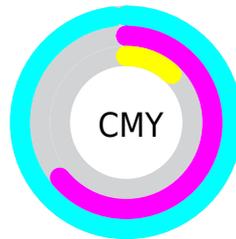
- Red (2%)
- Green (36%)
- Blue (88%)



- Red (2%)
- Yellow (26%)
- Blue (88%)



- Cyan (98%)
- Magenta (59%)
- Yellow (0%)
- Black (12%)



- Cyan (98%)
- Magenta (64%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 79.298, 292.389 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, 79.298, 292.389 by changing the saturation by 10% instead.

 43, 79.298,
292.389

 43, 79.298,
292.389

 100, 79.298,
292.389

 33, 79.298,
292.389

 63, 79.298,
292.389

 23, 79.298,
292.389

 73, 79.298,
292.389

 13, 79.298,
292.389

 83, 79.298,
292.389

 3, 79.298, 292.389

 93, 79.298,
292.389

 0, 79.298, 292.389

 43, 79.298,

 43, 79.298,

292.389

■ 42, 80.929,
293.081

292.389

■ 47, 70.598,
288.401

■ 51, 62.083,
284.453

■ 56, 53.787,
280.772

■ 60, 45.669,
277.473

■ 65, 37.673,
274.592

■ 70, 29.754,
272.118

■ 75, 21.889,
270.011

■ 80, 14.069,
268.223

Harmonies

Complementary

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



43, 79.298, 292.389



65, 74.786, 69.600

Rectangle

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



43, 79.298, 292.389



43, 79.298, 342.389



43, 79.298, 112.389



43, 79.298, 162.389

Sweetspot

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



43, 79.298, 292.391



84, 24.952, 270.217



79, 72.320, 154.867



42, 17.143, 271.095



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, 79.298, 292.391



48, 89.554, 293.365



29, 120.372, 306.473



44, 4.378, 266.899



33, 66.132, 292.401



6, 22.184, 283.045

Inverse Universe

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



48, 76.890, 11.671



54, 85.042, 13.009



85, 88.505, 108.975



44, 5.384, 350.340



37, 64.202, 11.648



6, 25.679, 1.864

Previews

White Background



This preview shows how the CIE LCh color 43, 79.298, 292.389 looks on a white background.

Color Contrast Check

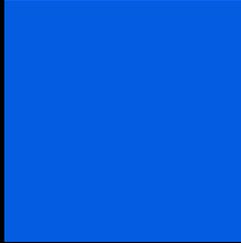
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.298, 292.389 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, 79.298, 292.389

Background



This preview shows how black text looks on a background with the CIELCh color 43, 79.298, 292.389.



This preview shows how white text looks on a background with the CIELCh color 43, 79.298, 292.389.

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

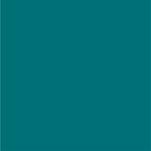
43, 79.293, 292.411

Protanopia

43, 65.636, 287.142

Deuteranopia

43, 45.827, 273.860



Tritanopia
43, 26.488, 205.875

Trichromacy



Original Color
43, 79.293, 292.411

Protanomaly
43, 70.765, 289.404

Deuteranomaly
43, 57.711, 283.042

Tritanomaly
42, 36.065, 261.899

Monochromacy



Original Color
43, 79.293, 292.411

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 30.664, 277.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 79.298, 292.389 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(4, 92, 225)` looks like.

```
.text, #text, p{  
    color:rgb(4, 92, 225)  
}
```

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(4, 92, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 92, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 79.298, 292.389 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(4, 92, 225) }
```

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

```
.border{ border-color:rgb(4, 92, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 92, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 92, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 92, 225);  
box-shadow:4px 4px 4px 4px rgb(4, 92, 225)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 79.298, 292.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 92, 225) }
```

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

```
.background{ background-color: rgb(4, 92,  
225) }
```

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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