

Converting Colors

CIELCh(43, 75.538, 290.791)

Have a look what the booklet for
CIELCh(43, 75.538, 290.791)
contains.

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Color

CIELCh(43, 75.283, 290.911)

Conversions

Conversions Part 1

Format	Color
Hex	005EDC
RGB	0, 94, 220
RGB Percent	0%, 37%, 86%
CMY	1.0000, 0.6316, 0.1375
CMYK	1.00, 0.57, 0.00, 0.14
HSL	214°, 100%, 43%
HSV	214°, 100%, 86%
XYZ	16.9037, 13.1578, 69.3145
YIQ	80.2580, -96.4700, 19.2580

Conversions

Conversions Part 2

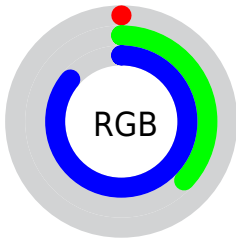
Format	Color
R_{YB}	0, 66, 220
Decimal	24284
CIE _{Lab}	43.00, 26.87, -70.32
CIE _{LCh}	43, 75.283, 290.911
Yxy	13.1578, 0.1701, 0.1324
Android (android.graphics.Color)	4278214364 (0xFF005EDC)
YUV	80.2580, 68.8928, -70.3863
Hunter-Lab	36.2736, 19.7032, -87.9045

Details

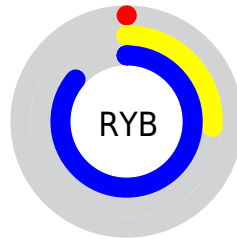
The CIELCh color **43, 75.283, 290.911** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **62, 74.530, 66.469**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 62.397, 287.611**, and **27, 72.774, 297.797** is the 20% darker color. If you saturate the color by 10%, you get **43, 75.282, 290.919**, and if you desaturate by 10%, it is **47, 67.252, 286.819**.

Distribution



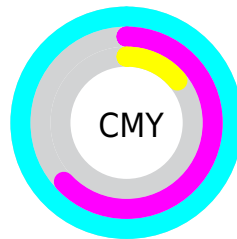
- Red (0%)
- Green (37%)
- Blue (86%)



- Red (0%)
- Yellow (26%)
- Blue (86%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (14%)





- Cyan (100%)
- Magenta (63%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 75.283, 290.911 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, 75.283, 290.911 by changing the saturation by 10% instead.


 43, 75.283,
290.911


 43, 75.283,
290.911


 100, 75.283,
290.911


 33, 75.283,
290.911

 63, 75.283,
290.911


 23, 75.283,
290.911

 73, 75.283,
290.911

 13, 75.283,
290.911

 83, 75.283,
290.911

 3, 75.283, 290.911

 93, 75.283,
290.911

 0, 75.283, 290.911

 43, 75.283,

 43, 75.283,

290.911

■ 43, 75.282,
290.919

290.911

■ 47, 67.252,
286.819

■ 51, 59.433,
282.712

■ 55, 51.810,
278.877

■ 59, 44.324,
275.438

■ 64, 36.910,
272.437

■ 68, 29.521,
269.862

■ 73, 22.135,
267.674

■ 78, 14.749,
265.822

Harmonies

Complementary

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



43, 75.283, 290.911



62, 74.530, 66.469

Rectangle

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



43, 75.283, 290.911



43, 75.283, 340.911



43, 75.283, 110.911



43, 75.283, 160.911

Sweetspot

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



43, 75.282, 290.919



84, 24.957, 267.724



78, 74.525, 152.469



42, 17.029, 268.614



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, 75.282, 290.919



50, 84.928, 291.278



27, 119.348, 306.452



44, 4.173, 264.185



34, 61.980, 290.218



6, 20.169, 279.973

Inverse Universe

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



47, 75.624, 9.667



54, 84.609, 10.135



84, 86.962, 107.000



43, 5.378, 348.563



37, 63.277, 8.774



6, 24.462, 359.473

Previews

White Background



This preview shows how the CIE LCh color 43, 75.283, 290.911 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, 75.283, 290.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

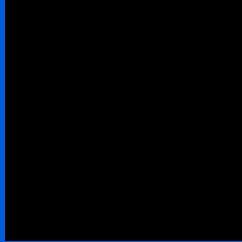
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 75.283, 290.911

Background



This preview shows how black text looks on a background with the CIELCh color 43, 75.283, 290.911.



This preview shows how white text looks on a background with the CIELCh color 43, 75.283, 290.911.

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, 75.283, 290.911

Protanopia

43, 66.190, 287.357

Deuteranopia

43, 46.344, 274.318



Tritanopia
43, 26.488, 205.875

Trichromacy



Original Color
43, 75.283, 290.911

Protanomaly
43, 69.589, 288.775

Deuteranomaly
43, 56.631, 282.382

Tritanomaly
42, 35.228, 260.235

Monochromacy



Original Color
43, 75.283, 290.911

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 29.656, 275.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 75.283, 290.911 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(0, 94, 220)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 220)  
}
```

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(0, 94, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 75.283, 290.911 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(0, 94, 220) }
```

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

```
.border{ border-color:rgb(0, 94, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 220);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 220)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 75.283, 290.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 220) }
```

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

```
.background{ background-color: rgb(0, 94,  
220) }
```

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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