

Converting Colors

CIELCh(43, 79.160, 303.261)

Have a look what the booklet for
CIELCh(43, 79.160, 303.261)
contains.

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Color

CIELCh(43, 79.433, 303.402)

Conversions

Conversions Part 1

Format	Color
Hex	644FD5
RGB	100, 79, 213
RGB Percent	39%, 31%, 84%
CMY	0.6069, 0.6894, 0.1638
CMYK	0.53, 0.63, 0.00, 0.16
HSL	249°, 62%, 57%
HSV	249°, 63%, 84%
XYZ	20.1302, 13.1578, 64.5781
YIQ	100.5550, -30.4980, 46.1260

Conversions

Conversions Part 2

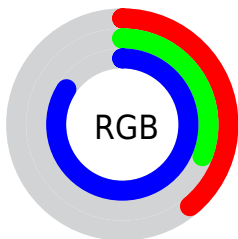
Format	Color
R _Y B	100, 79, 213
Decimal	6574037
CIE Lab	43.00, 43.73, -66.31
CIE LCh	43, 79.433, 303.402
Yxy	13.1578, 0.2057, 0.1344
Android (android.graphics.Color)	4284764117 (0xFF644FD5)
YUV	100.5550, 55.4354, -0.4867
Hunter-Lab	36.2736, 35.5804, -80.1628

Details

The CIELCh color **43, 79.433, 303.402** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted purple. A complement of this color would be **82, 66.593, 112.056**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 71.013, 303.811**, and **23, 79.450, 303.416** is the 20% darker color. If you saturate the color by 10%, you get **37, 92.440, 304.806**, and if you desaturate by 10%, it is **49, 65.937, 301.964**.

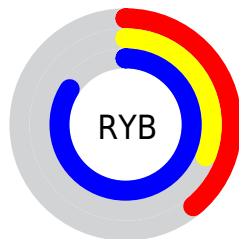
Distribution



Red (39%)

Green (31%)

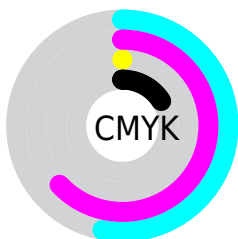
Blue (84%)



Red (39%)

Yellow (31%)

Blue (84%)

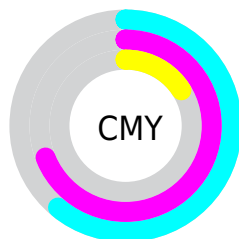


Cyan (53%)

Magenta (63%)

Yellow (0%)

Black (16%)



Cyan (61%)


Magenta (69%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 79.433, 303.402 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, 79.433, 303.402 by changing the saturation by 10% instead.


 43, 79.433,
303.402


 43, 79.433,
303.402


 100, 79.433,
303.402


 33, 79.433,
303.402

 63, 79.433,
303.402


 23, 79.433,
303.402

 73, 79.433,
303.402

 13, 79.433,
303.402

 83, 79.433,
303.402

 3, 79.433, 303.402

 93, 79.433,
303.402

 0, 79.433, 303.402

 43, 79.433,

 43, 79.433,

303.402

37, 92.440,
304.806

32, 103.846,
305.978

29, 112.076,
306.666

27, 115.812,
306.882

303.402

49, 65.937,
301.964

56, 52.545,
300.604

63, 39.520,
299.375


70, 26.955,
298.293

77, 14.871,
297.353

83, 3.252, 296.544

90, 7.927, 115.847

97, 18.693,
115.250

 99, 21.110,
108.579

Harmonies

Complementary

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



43, 79.433, 303.402



82, 66.593, 112.056

Rectangle

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



43, 79.433, 303.402



43, 79.433, 353.402



43, 79.433, 123.402



43, 79.433, 173.402

Sweetspot

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



43, 79.433, 303.403



85, 25.717, 297.933



73, 32.590, 217.072



43, 17.801, 298.215



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, 79.433, 303.403



43, 109.857, 305.181



50, 79.153, 316.638



41, 6.544, 297.061



21, 98.060, 306.967



2, 27.771, 297.949

Inverse Universe

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



56, 73.121, 333.049



62, 94.436, 333.917



78, 74.954, 131.181



42, 7.041, 329.612



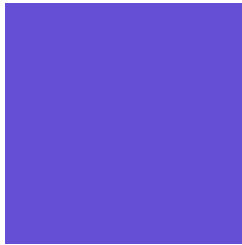
39, 75.773, 335.605



6, 29.363, 333.925

Previews

White Background



This preview shows how the CIELCh color 43, 79.433, 303.402 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, 79.433, 303.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

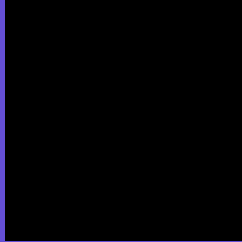
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 79.433, 303.402

Background



This preview shows how black text looks on a background with the CIELCh color 43, 79.433, 303.402.



This preview shows how white text looks on a background with the CIELCh color 43, 79.433, 303.402.

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, 79.433, 303.402

Protanopia

43, 65.566, 286.929

Deuteranopia

43, 46.863, 274.767



Tritanopia
43, 14.753, 217.106

Trichromacy



Original Color
43, 79.433, 303.402

Protanomaly
42, 70.802, 291.726

Deuteranomaly
42, 58.155, 286.643

Tritanomaly
42, 32.198, 284.701

Monochromacy



Original Color
43, 79.433, 303.402

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 29.841, 299.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 79.433, 303.402 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(100, 79, 213)` looks like.

```
.text, #text, p{  
    color:rgb(100, 79, 213)  
}
```

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(100, 79, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 79, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 79.433, 303.402 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(100, 79, 213) }
```

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

```
.border{ border-color:rgb(100, 79, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 79, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 79, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 79, 213);  
box-shadow:4px 4px 4px 4px rgb(100, 79,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 79.433, 303.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 79, 213) }
```

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

```
.background{ background-color: rgb(100, 79,  
213) }
```

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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