

Converting Colors

CIELCh(43, 79.342, 29.539)

Have a look what the booklet for
CIELCh(43, 79.342, 29.539) contains.

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Color

CIELCh(43, 79.225, 29.599)

Conversions

Conversions Part 1

Format	Color
Hex	CD002A
RGB	205, 0, 42
RGB Percent	80%, 0%, 16%
CMY	0.1946, 1.0000, 0.8370
CMYK	0.00, 1.00, 0.80, 0.19
HSL	348°, 100%, 40%
HSV	348°, 100%, 81%
XYZ	25.6702, 13.1578, 3.3377
YIQ	66.0830, 108.6980, 56.5220

Conversions

Conversions Part 2

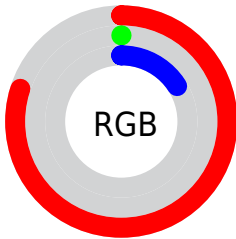
Format	Color
RYB	205, 0, 42
Decimal	13434922
CIELab	43.00, 68.89, 39.13
CIElCh	43, 79.225, 29.599
Yxy	13.1578, 0.6088, 0.3120
Android (android.graphics.Color)	4291625002 (0xFFCD002A)
YUV	66.0830, -11.8729, 121.8302
Hunter-Lab	36.2736, 62.8424, 19.9361

Details

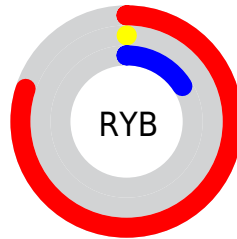
The CIELCh color **43, 79.225, 29.599** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **74, 53.075, 170.453**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **60, 72.978, 28.731**, and **29, 66.402, 39.083** is the 20% darker color. If you saturate the color by 10%, you get **43, 79.110, 29.695**, and if you desaturate by 10%, it is **44, 73.713, 24.472**.

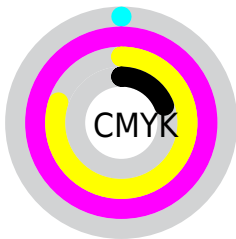
Distribution



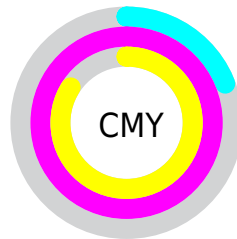
- Red (80%)
- Green (0%)
- Blue (16%)



- Red (80%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 79.225, 29.599 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, 79.225, 29.599 by changing the saturation by 10% instead.

 43, 79.225, 29.599

 43, 79.225, 29.599

 100, 79.225,
29.599

 33, 79.225, 29.599

 63, 79.225, 29.599

 23, 79.225, 29.599

 73, 79.225, 29.599

 13, 79.225, 29.599

 83, 79.225, 29.599

 3, 79.225, 29.599

 93, 79.225, 29.599

 0, 79.225, 29.599

 43, 79.225, 29.599

 43, 79.225, 29.599

 43, 79.110, 29.695

 44, 73.713, 24.472

 46, 67.542, 19.663

■ 48, 60.310, 15.683

■ 52, 52.144, 12.508

■ 56, 43.353, 10.001

■ 61, 34.291, 8.009

■ 66, 25.259, 6.400

■ 71, 16.463, 5.073

■ 77, 8.026, 3.939

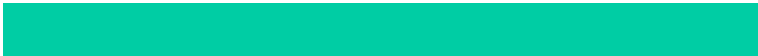
Harmonies

Complementary

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



43, 79.225, 29.599



74, 53.075, 170.453

Rectangle

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



43, 79.225, 29.599



43, 79.225, 79.599



43, 79.225, 209.599



43, 79.225, 259.599

Sweetspot

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



43, 79.110, 29.695



80, 30.133, 6.455



41, 100.315, 320.071



40, 20.729, 7.107



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, 79.110, 29.695



53, 93.752, 30.438



47, 81.241, 46.424



40, 4.521, 3.874



34, 66.929, 28.780



4, 18.221, 9.539

Inverse Universe

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



43, 79.110, 29.695



53, 93.752, 30.438



57, 40.680, 253.334



40, 4.521, 3.874



34, 66.929, 28.780



4, 18.221, 9.539

Previews

White Background



This preview shows how the CIELCh color 43, 79.225, 29.599 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, 79.225, 29.599 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, 79.225, 29.599

Background



This preview shows how black text looks on a background with the CIELCh color 43, 79.225, 29.599.



This preview shows how white text looks on a background with the CIELCh color 43, 79.225, 29.599.

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, 78.872, 29.505

Protanopia

44, 24.047, 95.475

Deuteranopia

44, 43.603, 82.588



Tritanopia
43, 87.443, 40.900

Trichromacy



Original Color
43, 78.872, 29.505

Protanomaly
39, 40.232, 34.048

Deuteranomaly
39, 53.503, 45.014

Tritanomaly
43, 85.019, 37.926

Monochromacy



Original Color
43, 78.872, 29.505

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 35.178, 13.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 79.225, 29.599 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(205, 0, 42)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 42)  
}
```

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(205, 0, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 79.225, 29.599 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(205, 0, 42) }
```

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

```
.border{ border-color:rgb(205, 0, 42) }
```

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

Here you see how a box with a 4 pixel rgb(205, 0, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 42);  
box-shadow:4px 4px 4px 4px rgb(205, 0, 42)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 79.225, 29.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 42) }
```

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

```
.background{ background-color: rgb(205, 0,  
42) }
```

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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