

Converting Colors

CIELCh(43, 84.020, 36.054)

Have a look what the booklet for
CIELCh(43, 84.020, 36.054) contains.

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Color

CIELCh(43, 83.823, 35.994)

Conversions

Conversions Part 1

Format	Color
Hex	CD0416
RGB	205, 4, 22
RGB Percent	80%, 2%, 9%
CMY	0.1954, 0.9824, 0.9133
CMYK	0.00, 0.98, 0.89, 0.20
HSL	355°, 96%, 41%
HSV	355°, 98%, 80%
XYZ	25.4168, 13.1578, 1.9651
YIQ	66.1510, 114.0180, 48.2100

Conversions

Conversions Part 2

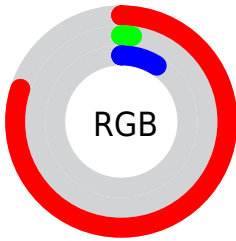
Format	Color
RYB	205, 4, 22
Decimal	13435926
CIELab	43.00, 67.82, 49.26
CIELCh	43, 83.823, 35.994
Yxy	13.1578, 0.6270, 0.3246
Android (android.graphics.Color)	4291626006 (0xFFCD0416)
YUV	66.1510, -21.7664, 121.7706
Hunter-Lab	36.2736, 61.5954, 22.1795

Details

The CIELCh color **43, 83.823, 35.994** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **74, 45.903, 183.999**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **60, 77.422, 35.910**, and **29, 66.402, 39.083** is the 20% darker color. If you saturate the color by 10%, you get **43, 85.087, 36.747**, and if you desaturate by 10%, it is **44, 77.225, 31.706**.

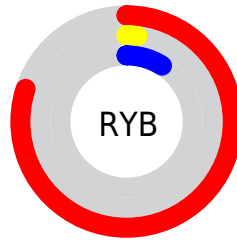
Distribution



Red (80%)

Green (2%)

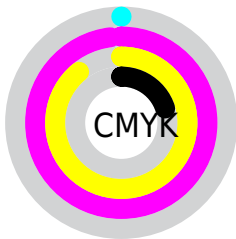
Blue (9%)



Red (80%)

Yellow (2%)

Blue (9%)

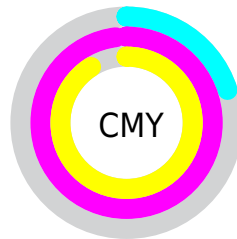


Cyan (0%)

Magenta (98%)

Yellow (89%)

Black (20%)



Cyan (20%)

Magenta (98%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 83.823, 35.994 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, 83.823, 35.994 by changing the saturation by 10% instead.

 43, 83.823, 35.994

 43, 83.823, 35.994

 100, 83.823,
35.994

 33, 83.823, 35.994

 63, 83.823, 35.994

 23, 83.823, 35.994

 73, 83.823, 35.994

 13, 83.823, 35.994

 83, 83.823, 35.994

 3, 83.823, 35.994

 93, 83.823, 35.994

 0, 83.823, 35.994

 43, 83.823, 35.994

 43, 83.823, 35.994

 43, 85.087, 36.747

 44, 77.225, 31.706

 46, 69.304, 27.383

■ 49, 60.516, 23.641

■ 53, 51.178, 20.610

■ 57, 41.616, 18.222

■ 62, 32.135, 16.351

■ 67, 22.963, 14.873

■ 72, 14.243, 13.684

■ 78, 6.040, 12.680

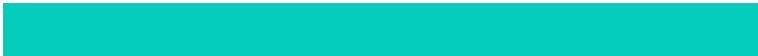
Harmonies

Complementary

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



43, 83.823, 35.994



74, 45.903, 183.999

Rectangle

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



43, 83.823, 35.994



43, 83.823, 85.994



43, 83.823, 215.994



43, 83.823, 265.994

Sweetspot

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



43, 83.820, 35.996



81, 28.707, 15.082



45, 98.290, 324.380



40, 19.949, 15.700



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, 83.820, 35.996



53, 100.870, 37.257



51, 74.817, 53.252



40, 4.391, 12.834



34, 72.040, 36.090



4, 17.980, 15.085

Inverse Universe

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



43, 83.820, 35.996



53, 100.870, 37.257



51, 49.360, 271.683



40, 4.391, 12.834



34, 72.040, 36.090



4, 17.980, 15.085

Previews

White Background



This preview shows how the CIELCh color 43, 83.823, 35.994 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, 83.823, 35.994 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, 83.823, 35.994

Background



This preview shows how black text looks on a background with the CIELCh color 43, 83.823, 35.994.



This preview shows how white text looks on a background with the CIELCh color 43, 83.823, 35.994.

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, 83.823, 35.994

Protanopia

44, 36.944, 95.691

Tritanopia

43, 87.014, 40.980

Trichromacy



Original Color
43, 83.823, 35.994

Protanomaly
39, 47.795, 49.065

Tritanomaly
43, 85.827, 39.302

Monochromacy



Original Color
43, 83.823, 35.994

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 34.905, 20.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 83.823, 35.994 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, 4, 22)` looks like.

```
.text, #text, p{  
    color:rgb(205, 4, 22)  
}
```

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, 4, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 4, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 83.823, 35.994 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, 4, 22) }
```

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

```
.border{ border-color:rgb(205, 4, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 4, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 4, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 4, 22);  
box-shadow:4px 4px 4px 4px rgb(205, 4, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 83.823, 35.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 4, 22) }
```

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

```
.background{ background-color: rgb(205, 4,  
22) }
```

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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