

Converting Colors

CIELCh(43, 83.046, 35.038)

Have a look what the booklet for
CIELCh(43, 83.046, 35.038) contains.

CIELCh(43, 82.870, 34.881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 82.870, 34.881)

Conversions

Conversions Part 1

Format	Color
Hex	CD041A
RGB	205, 4, 26
RGB Percent	80%, 2%, 10%
CMY	0.1953, 0.9860, 0.8975
CMYK	0.00, 0.98, 0.87, 0.20
HSL	353°, 97%, 41%
HSV	353°, 98%, 80%
XYZ	25.4552, 13.1578, 2.1830
YIQ	66.6070, 112.7340, 49.4540

Conversions

Conversions Part 2

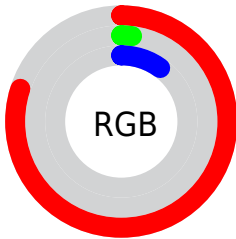
Format	Color
RYB	205, 4, 26
Decimal	13435930
CIELab	43.00, 67.98, 47.39
CIELCh	43, 82.870, 34.881
Yxy	13.1578, 0.6240, 0.3225
Android (android.graphics.Color)	4291626010 (0xFFCD041A)
YUV	66.6070, -20.0193, 121.3707
Hunter-Lab	36.2736, 61.7846, 21.8233

Details

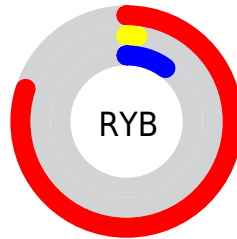
The CIELCh color **43, 82.870, 34.881** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **74, 47.199, 180.890**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **60, 76.616, 34.906**, and **29, 66.402, 39.083** is the 20% darker color. If you saturate the color by 10%, you get **43, 83.899, 35.552**, and if you desaturate by 10%, it is **44, 76.426, 30.316**.

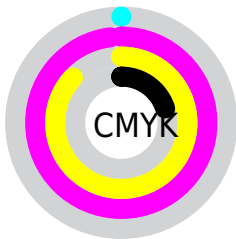
Distribution



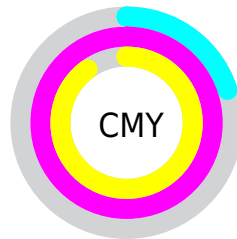
- Red (80%)
- Green (2%)
- Blue (10%)



- Red (80%)
- Yellow (2%)
- Blue (10%)



- Cyan (0%)
- Magenta (98%)
- Yellow (87%)
- Black (20%)



- Cyan (20%)
- Magenta (99%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 82.870, 34.881 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, 82.870, 34.881 by changing the saturation by 10% instead.

 43, 82.870, 34.881

 43, 82.870, 34.881

 100, 82.870,
34.881

 33, 82.870, 34.881

 63, 82.870, 34.881

 23, 82.870, 34.881

 73, 82.870, 34.881

 13, 82.870, 34.881

 83, 82.870, 34.881

 3, 82.870, 34.881

 93, 82.870, 34.881

 0, 82.870, 34.881

 43, 82.870, 34.881

 43, 82.870, 34.881

 43, 83.899, 35.552

 44, 76.426, 30.316

 46, 68.842, 25.846

■ 49, 60.377, 22.022

■ 52, 51.291, 18.937

■ 57, 41.901, 16.504

■ 62, 32.519, 14.590

■ 67, 23.389, 13.070

■ 72, 14.667, 11.839

■ 78, 6.428, 10.796

Harmonies

Complementary

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



43, 82.870, 34.881



74, 47.199, 180.890

Rectangle

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



43, 82.870, 34.881



43, 82.870, 84.881



43, 82.870, 214.881



43, 82.870, 264.881

Sweetspot

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



43, 82.867, 34.883



81, 28.721, 13.222



45, 98.552, 323.746



40, 19.942, 13.852



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, 82.867, 34.883



53, 99.503, 36.131



51, 75.768, 52.065



40, 4.409, 10.910



34, 70.996, 34.820



4, 18.017, 13.907

Inverse Universe

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



43, 82.867, 34.883



53, 99.503, 36.131



52, 47.949, 269.531



40, 4.409, 10.910



34, 70.996, 34.820



4, 18.017, 13.907

Previews

White Background



This preview shows how the CIELCh color 43, 82.870, 34.881 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, 82.870, 34.881 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, 82.870, 34.881

Background



This preview shows how black text looks on a background with the CIELCh color 43, 82.870, 34.881.



This preview shows how white text looks on a background with the CIELCh color 43, 82.870, 34.881.

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, 82.808, 34.933

Protanopia

44, 34.374, 96.256

Deuteranopia

44, 51.223, 83.886



Tritanopia
43, 87.014, 40.980

Trichromacy



Original Color
43, 82.808, 34.933

Protanomaly
39, 46.202, 46.021

Deuteranomaly
40, 59.767, 52.059

Tritanomaly
43, 85.531, 38.919

Monochromacy



Original Color
43, 82.808, 34.933

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 35.169, 18.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 82.870, 34.881 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, 26)` looks like.

```
.text, #text, p{  
    color:rgb(205, 4, 26)  
}
```

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, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 4, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 82.870, 34.881 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, 26) }
```

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

```
.border{ border-color:rgb(205, 4, 26) }
```

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, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 4, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 4, 26);  
box-shadow:4px 4px 4px 4px rgb(205, 4, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 82.870, 34.881 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, 26) }
```

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

```
.background{ background-color: rgb(205, 4,  
26) }
```

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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