

Converting Colors

CIELCh(43, 86.803, 37.925)

Have a look what the booklet for
CIELCh(43, 86.803, 37.925) contains.

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Color

CIELCh(43, 86.664, 37.975)

Conversions

Conversions Part 1

Format	Color
Hex	CE000C
RGB	206, 0, 12
RGB Percent	81%, 0%, 5%
CMY	0.1920, 0.9993, 0.9528
CMYK	0.00, 1.00, 0.94, 0.19
HSL	357°, 100%, 40%
HSV	357°, 100%, 81%
XYZ	25.5344, 13.1578, 1.5430
YIQ	62.9620, 118.9240, 47.4040

Conversions

Conversions Part 2

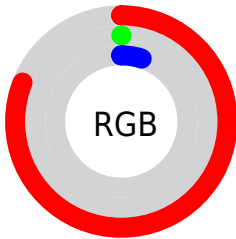
Format	Color
RYB	206, 0, 12
Decimal	13500428
CIELab	43.00, 68.32, 53.33
CIElCh	43, 86.664, 37.975
Yxy	13.1578, 0.6346, 0.3270
Android (android.graphics.Color)	4291690508 (0xFFCE000C)
YUV	62.9620, -25.1243, 125.4443
Hunter-Lab	36.2736, 62.1741, 22.8695

Details

The CIELCh color **43, 86.664, 37.975** 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 **75, 44.836, 187.877**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **60, 79.859, 38.161**, and **29, 66.402, 39.083** is the 20% darker color. If you saturate the color by 10%, you get **43, 86.702, 37.997**, and if you desaturate by 10%, it is **44, 80.513, 34.455**.

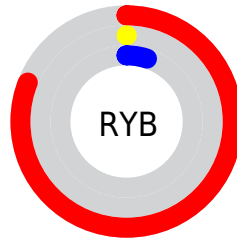
Distribution



Red (81%)

Green (0%)

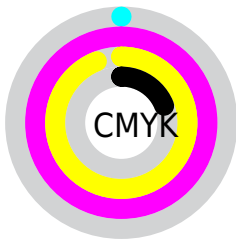
Blue (5%)



Red (81%)

Yellow (0%)

Blue (5%)

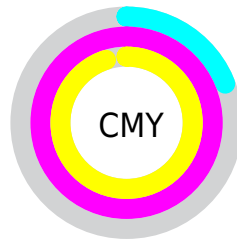


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (19%)



Cyan (19%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 86.664, 37.975 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, 86.664, 37.975 by changing the saturation by 10% instead.

 43, 86.664, 37.975

 43, 86.664, 37.975

 100, 86.664,
37.975

 33, 86.664, 37.975

 63, 86.664, 37.975

 23, 86.664, 37.975

 73, 86.664, 37.975

 13, 86.664, 37.975

 83, 86.664, 37.975

 3, 86.664, 37.975

 93, 86.664, 37.975

 0, 86.664, 37.975

 43, 86.664, 37.975

 43, 86.664, 37.975

 43, 86.702, 37.997

 44, 80.513, 34.455

 46, 72.519, 30.308

■ 48, 63.493, 26.526

■ 52, 53.897, 23.399

■ 56, 44.082, 20.923

■ 61, 34.364, 18.991

■ 66, 24.980, 17.481

■ 71, 16.079, 16.287

■ 77, 7.729, 15.307

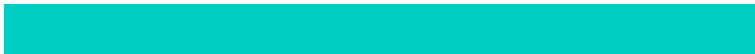
Harmonies

Complementary

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



43, 86.664, 37.975



75, 44.836, 187.877

Rectangle

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



43, 86.664, 37.975



43, 86.664, 87.975



43, 86.664, 217.975



43, 86.664, 267.975

Sweetspot

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



43, 86.661, 37.977



80, 29.823, 17.542



47, 98.777, 325.610



40, 20.622, 18.149



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, 86.661, 37.977



53, 102.342, 38.396



52, 74.998, 55.158



40, 4.376, 15.259



34, 73.236, 37.444



4, 17.944, 16.564

Inverse Universe

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



43, 86.661, 37.977



53, 102.342, 38.396



48, 54.008, 277.058



40, 4.376, 15.259



34, 73.236, 37.444



4, 17.944, 16.564

Previews

White Background



This preview shows how the CIELCh color 43, 86.664, 37.975 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, 86.664, 37.975 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, 86.664, 37.975

Background



This preview shows how black text looks on a background with the CIELCh color 43, 86.664, 37.975.



This preview shows how white text looks on a background with the CIELCh color 43, 86.664, 37.975.

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, 86.664, 37.975

Protanopia

44, 41.150, 95.255

Deuteranopia

44, 51.352, 84.558



Tritanopia
43, 87.348, 40.970

Trichromacy



Original Color
43, 86.664, 37.975

Protanomaly
38, 51.729, 51.162

Deuteranomaly
39, 61.369, 52.747

Tritanomaly
43, 87.093, 39.858

Monochromacy



Original Color
43, 86.664, 37.975

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 36.597, 24.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 86.664, 37.975 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(206, 0, 12)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 12)  
}
```

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(206, 0, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 86.664, 37.975 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(206, 0, 12) }
```

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

```
.border{ border-color:rgb(206, 0, 12) }
```

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

Here you see how a box with a 4 pixel rgb(206, 0, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 12);  
box-shadow:4px 4px 4px 4px rgb(206, 0, 12)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 86.664, 37.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 12) }
```

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

```
.background{ background-color: rgb(206, 0,  
12) }
```

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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