

Converting Colors

CIELCh(43, 83.303, 42.628)

Have a look what the booklet for
CIELCh(43, 83.303, 42.628) contains.

CIELCh(43, 83.073, 42.592)	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, 83.073, 42.592)

Conversions

Conversions Part 1

Format	Color
Hex	C62200
RGB	198, 34, 0
RGB Percent	78%, 13%, 0%
CMY	0.2234, 0.8664, 0.9999
CMYK	0.00, 0.83, 1.00, 0.22
HSL	10°, 100%, 39%
HSV	10°, 100%, 78%
XYZ	23.8723, 13.1578, 1.2823
YIQ	79.1600, 108.6580, 24.1940

Conversions

Conversions Part 2

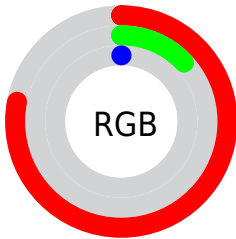
Format	Color
RYB	198, 41, 0
Decimal	12984832
CIELab	43.00, 61.16, 56.22
CIELCh	43, 83.073, 42.592
Yxy	13.1578, 0.6231, 0.3434
Android (android.graphics.Color)	4291174912 (0xFFC62200)
YUV	79.1600, -39.0259, 104.2227
Hunter-Lab	36.2736, 53.9951, 23.2957

Details

The CIELCh color **43, 83.073, 42.592** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **62, 36.014, 229.592**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 79.788, 42.845**, and **27, 63.680, 38.737** is the 20% darker color. If you saturate the color by 10%, you get **43, 83.080, 42.596**, and if you desaturate by 10%, it is **45, 76.100, 41.938**.

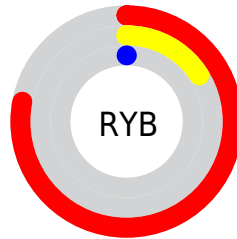
Distribution



Red (78%)

Green (13%)

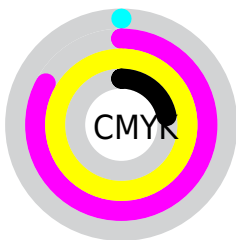
Blue (0%)



Red (78%)

Yellow (16%)

Blue (0%)

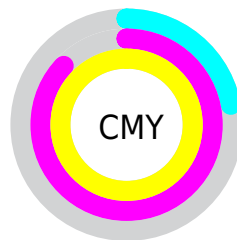


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (87%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 83.073, 42.592 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, 83.073, 42.592 by changing the saturation by 10% instead.

 43, 83.073, 42.592

 43, 83.073, 42.592

 100, 83.073,
42.592

 33, 83.073, 42.592

 63, 83.073, 42.592

 23, 83.073, 42.592

 73, 83.073, 42.592

 13, 83.073, 42.592

 83, 83.073, 42.592

 3, 83.073, 42.592

 93, 83.073, 42.592

 0, 83.073, 42.592

 43, 83.073, 42.592

 43, 83.073, 42.592

 43, 83.080, 42.596

 45, 76.100, 41.938

 47, 67.207, 40.803

■ 50, 57.461, 39.486

■ 54, 47.699, 38.336

■ 57, 38.300, 37.453

■ 62, 29.437, 36.835

■ 66, 21.180, 36.444

■ 71, 13.539, 36.230

■ 75, 6.490, 36.132

Harmonies

Complementary

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



43, 83.073, 42.592



62, 36.014, 229.592

Rectangle

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



43, 83.073, 42.592



43, 83.073, 92.592



43, 83.073, 222.592



43, 83.073, 272.592

Sweetspot

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



43, 83.070, 42.594



83, 26.067, 36.457



45, 83.836, 336.238



42, 18.104, 36.604



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, 83.070, 42.594



55, 100.948, 42.286



60, 68.221, 75.497



39, 3.689, 36.127



35, 71.605, 42.863



5, 14.365, 29.322

Inverse Universe

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



62, 36.014, 229.592



78, 43.582, 230.163



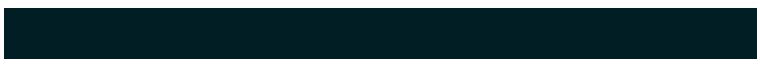
34, 81.257, 296.772



41, 3.477, 216.503



52, 31.190, 229.071



9, 11.275, 221.289

Previews

White Background



This preview shows how the CIELCh color 43, 83.073, 42.592 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, 83.073, 42.592 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, 83.073, 42.592

Background



This preview shows how black text looks on a background with the CIELCh color 43, 83.073, 42.592.



This preview shows how white text looks on a background with the CIELCh color 43, 83.073, 42.592.

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, 83.073, 42.592

Protanopia

43, 43.546, 95.305

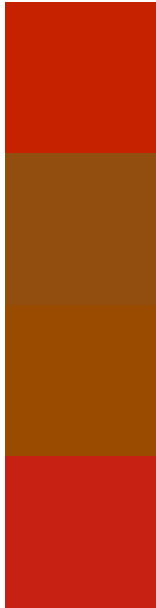
Deuteranopia

43, 51.039, 84.409



Tritanopia
43, 76.563, 35.854

Trichromacy



Original Color
43, 83.073, 42.592

Protanomaly
41, 51.608, 61.830

Deuteranomaly
41, 59.001, 59.839

Tritanomaly
43, 79.280, 39.001

Monochromacy



Original Color
43, 83.073, 42.592

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 31.057, 38.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 83.073, 42.592 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(198, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(198, 34, 0)  
}
```

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(198, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 34, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 83.073, 42.592 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(198, 34, 0) }
```

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

```
.border{ border-color:rgb(198, 34, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 34, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 34, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 34, 0);  
box-shadow:4px 4px 4px 4px rgb(198, 34, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 83.073, 42.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 34, 0) }
```

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

```
.background{ background-color: rgb(198, 34,  
0) }
```

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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