

Converting Colors

CIELCh(43, 73.402, 21.747)

Have a look what the booklet for
CIELCh(43, 73.402, 21.747) contains.

CIELCh(43, 73.474, 21.861)	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, 73.474, 21.861)

Conversions

Conversions Part 1

Format	Color
Hex	CB073D
RGB	203, 7, 61
RGB Percent	80%, 3%, 24%
CMY	0.2044, 0.9739, 0.7611
CMYK	0.00, 0.97, 0.70, 0.20
HSL	343°, 94%, 41%
HSV	343°, 97%, 80%
XYZ	25.5047, 13.1578, 5.5974
YIQ	71.7600, 99.4820, 58.3460

Conversions

Conversions Part 2

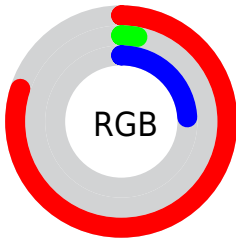
Format	Color
RYB	203, 7, 61
Decimal	13305661
CIELab	43.00, 68.19, 27.36
CIElCh	43, 73.474, 21.861
Yxy	13.1578, 0.5762, 0.2973
Android (android.graphics.Color)	4291495741 (0xFFCB073D)
YUV	71.7600, -5.3047, 115.0975
Hunter-Lab	36.2736, 62.0282, 16.2425

Details

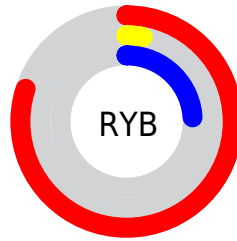
The CIELCh color **43, 73.474, 21.861** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **73, 56.974, 164.302**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 68.914, 20.779**, and **28, 61.011, 32.175** is the 20% darker color. If you saturate the color by 10%, you get **43, 74.878, 23.602**, and if you desaturate by 10%, it is **44, 69.122, 16.612**.

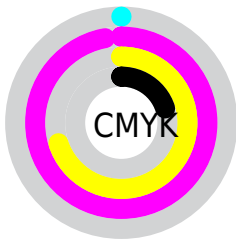
Distribution



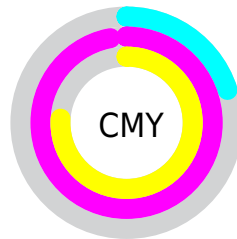
- Red (80%)
- Green (3%)
- Blue (24%)



- Red (80%)
- Yellow (3%)
- Blue (24%)



- Cyan (0%)
- Magenta (97%)
- Yellow (70%)
- Black (20%)



- Cyan (20%)
- Magenta (97%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 73.474, 21.861 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, 73.474, 21.861 by changing the saturation by 10% instead.

 43, 73.474, 21.861

 43, 73.474, 21.861

 100, 73.474,
21.861

 33, 73.474, 21.861

 63, 73.474, 21.861

 23, 73.474, 21.861

 73, 73.474, 21.861

 13, 73.474, 21.861

 83, 73.474, 21.861

 3, 73.474, 21.861

 93, 73.474, 21.861

 0, 73.474, 21.861

 43, 73.474, 21.861

 43, 73.474, 21.861

 43, 74.878, 23.602

 44, 69.122, 16.612

 46, 63.618, 12.219

■ 49, 56.829, 8.706

■ 53, 48.968, 5.933

■ 57, 40.406, 3.731

■ 62, 31.522, 1.954

■ 67, 22.615, 0.489

■ 72, 13.888,
359.251

■ 78, 5.464, 358.148

Harmonies

Complementary

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



43, 73.474, 21.861



73, 56.974, 164.302

Rectangle

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



43, 73.474, 21.861



43, 73.474, 71.861



43, 73.474, 201.861



43, 73.474, 251.861

Sweetspot

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



43, 73.471, 21.863



81, 29.680, 0.855



39, 99.524, 318.028



40, 20.492, 1.485



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, 73.471, 21.863



54, 89.442, 24.443



46, 80.849, 43.779



40, 4.661, 358.440



35, 64.081, 22.692



4, 18.458, 6.048

Inverse Universe

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



43, 73.471, 21.863



54, 89.442, 24.443



61, 37.046, 238.159



40, 4.661, 358.440



35, 64.081, 22.692



4, 18.458, 6.048

Previews

White Background



This preview shows how the CIELCh color 43, 73.474, 21.861 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, 73.474, 21.861 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, 73.474, 21.861

Background



This preview shows how black text looks on a background with the CIELCh color 43, 73.474, 21.861.



This preview shows how white text looks on a background with the CIELCh color 43, 73.474, 21.861.

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, 73.474, 21.861

Protanopia

44, 8.055, 93.392

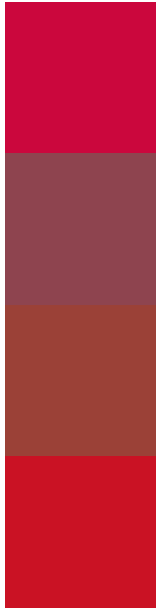
Deuteranopia

44, 31.654, 80.414



Tritanopia
43, 81.305, 37.604

Trichromacy



Original Color
43, 73.474, 21.861

Protanomaly
39, 33.509, 14.252

Deuteranomaly
40, 44.441, 33.906

Tritanomaly
43, 78.088, 32.509

Monochromacy



Original Color
43, 73.474, 21.861

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 33.724, 6.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 73.474, 21.861 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(203, 7, 61)` looks like.

```
.text, #text, p{  
    color:rgb(203, 7, 61)  
}
```

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(203, 7, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 7, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 73.474, 21.861 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(203, 7, 61) }
```

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

```
.border{ border-color:rgb(203, 7, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 7, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 7, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 7, 61);  
box-shadow:4px 4px 4px 4px rgb(203, 7, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 73.474, 21.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 7, 61) }
```

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

```
.background{ background-color: rgb(203, 7,  
61) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor