

Converting Colors

CIELCh(43, 74.582, 22.250)

Have a look what the booklet for
CIELCh(43, 74.582, 22.250) contains.

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Color

CIELCh(43, 74.503, 22.063)

Conversions

Conversions Part 1

Format	Color
Hex	CC003C
RGB	204, 0, 60
RGB Percent	80%, 0%, 24%
CMY	0.2001, 1.0000, 0.7648
CMYK	0.00, 1.00, 0.71, 0.20
HSL	342°, 100%, 40%
HSV	342°, 100%, 80%
XYZ	25.7086, 13.1578, 5.4571
YIQ	67.8360, 102.3240, 61.9080

Conversions

Conversions Part 2

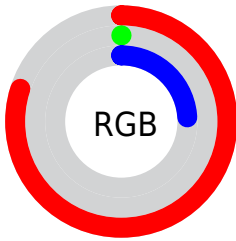
Format	Color
RYB	204, 0, 60
Decimal	13369404
CIELab	43.00, 69.05, 27.99
CIElCh	43, 74.503, 22.063
Yxy	13.1578, 0.5800, 0.2969
Android (android.graphics.Color)	4291559484 (0xFFCC003C)
YUV	67.8360, -3.8631, 119.4158
Hunter-Lab	36.2736, 63.0311, 16.4718

Details

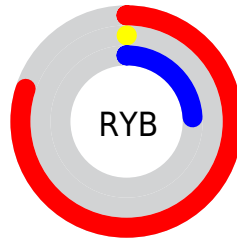
The CIELCh color **43, 74.503, 22.063** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **73, 59.401, 162.172**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **61, 69.638, 20.707**, and **29, 61.673, 32.734** is the 20% darker color. If you saturate the color by 10%, you get **43, 74.497, 22.067**, and if you desaturate by 10%, it is **44, 70.541, 16.734**.

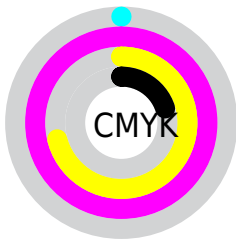
Distribution



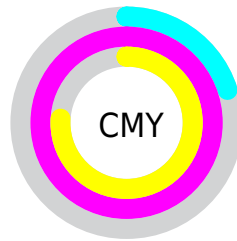
- Red (80%)
- Green (0%)
- Blue (24%)



- Red (80%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 74.503, 22.063 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, 74.503, 22.063 by changing the saturation by 10% instead.

 43, 74.503, 22.063

 43, 74.503, 22.063

 100, 74.503,
22.063

 33, 74.503, 22.063

 63, 74.503, 22.063

 23, 74.503, 22.063

 73, 74.503, 22.063

 13, 74.503, 22.063

 83, 74.503, 22.063

 3, 74.503, 22.063

 93, 74.503, 22.063

 0, 74.503, 22.063

 43, 74.503, 22.063

 43, 74.503, 22.063

 43, 74.497, 22.067

 44, 70.541, 16.734

 46, 65.668, 12.099

■ 48, 59.432, 8.373

■ 52, 51.962, 5.429

■ 56, 43.611, 3.098

■ 61, 34.776, 1.224

■ 66, 25.799,
359.686

■ 71, 16.921,
358.393

■ 76, 8.296, 357.267

Harmonies

Complementary

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



43, 74.503, 22.063



73, 59.401, 162.172

Rectangle

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



43, 74.503, 22.063



43, 74.503, 72.063



43, 74.503, 202.063



43, 74.503, 252.063

Sweetspot

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



43, 74.497, 22.067



80, 30.941, 359.741



38, 101.241, 317.301



40, 21.223, 0.368



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, 74.497, 22.067



54, 88.570, 22.888



45, 84.055, 43.340



40, 4.700, 357.202



35, 63.524, 21.135



4, 18.527, 5.194

Inverse Universe

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



43, 74.497, 22.067



54, 88.570, 22.888



62, 37.157, 235.858



40, 4.700, 357.202



35, 63.524, 21.135



4, 18.527, 5.194

Previews

White Background



This preview shows how the CIE LCh color 43, 74.503, 22.063 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, 74.503, 22.063 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, 74.503, 22.063

Background



This preview shows how black text looks on a background with the CIELCh color 43, 74.503, 22.063.



This preview shows how white text looks on a background with the CIELCh color 43, 74.503, 22.063.

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, 74.503, 22.063

Protanopia

44, 9.197, 95.152

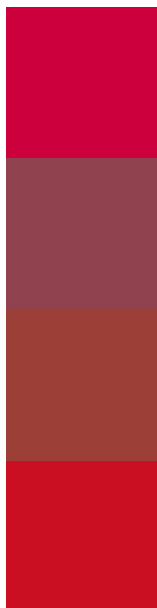
Deuteranopia

44, 32.397, 79.954



Tritanopia
43, 82.263, 37.994

Trichromacy



Original Color
43, 74.503, 22.063

Protanomaly
39, 35.295, 14.340

Deuteranomaly
39, 45.729, 33.361

Tritanomaly
43, 79.247, 33.014

Monochromacy



Original Color
43, 74.503, 22.063

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 34.783, 5.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 74.503, 22.063 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(204, 0, 60)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 60)  
}
```

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(204, 0, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 74.503, 22.063 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(204, 0, 60) }
```

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

```
.border{ border-color:rgb(204, 0, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 74.503, 22.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 60) }
```

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

```
.background{ background-color: rgb(204, 0,  
60) }
```

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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