

Converting Colors

CIELCh(43, 75.438, 24.118)

Have a look what the booklet for
CIELCh(43, 75.438, 24.118) contains.

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Color

CIELCh(43, 75.419, 24.280)

Conversions

Conversions Part 1

Format	Color
Hex	CC0137
RGB	204, 1, 55
RGB Percent	80%, 0%, 22%
CMY	0.1996, 0.9947, 0.7840
CMYK	0.00, 0.99, 0.73, 0.20
HSL	344°, 99%, 40%
HSV	344°, 99%, 80%
XYZ	25.6372, 13.1578, 4.8123
YIQ	67.8530, 103.6540, 59.8300

Conversions

Conversions Part 2

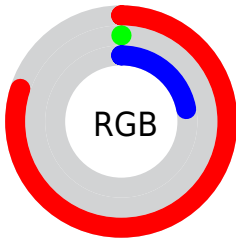
Format	Color
RYB	204, 1, 55
Decimal	13369655
CIELab	43.00, 68.75, 31.01
CIElCh	43, 75.419, 24.280
Yxy	13.1578, 0.5879, 0.3017
Android (android.graphics.Color)	4291559735 (0xFFCC0137)
YUV	67.8530, -6.3365, 119.4009
Hunter-Lab	36.2736, 62.6802, 17.5258

Details

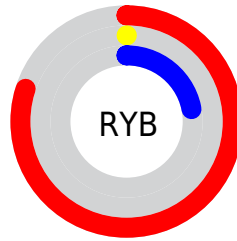
The CIELCh color **43, 75.419, 24.280** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **73, 57.090, 164.740**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 70.362, 22.906**, and **29, 63.077, 34.841** is the 20% darker color. If you saturate the color by 10%, you get **43, 75.721, 24.627**, and if you desaturate by 10%, it is **44, 70.985, 18.925**.

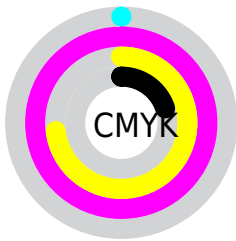
Distribution



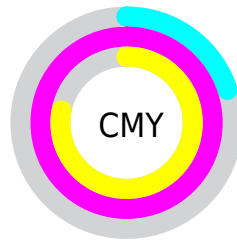
- Red (80%)
- Green (0%)
- Blue (22%)



- Red (80%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (99%)
- Yellow (73%)
- Black (20%)



- Cyan (20%)
- Magenta (99%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 75.419, 24.280 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, 75.419, 24.280 by changing the saturation by 10% instead.

 43, 75.419, 24.280

 43, 75.419, 24.280

 100, 75.419,
24.280

 33, 75.419, 24.280

 63, 75.419, 24.280

 23, 75.419, 24.280

 73, 75.419, 24.280

 13, 75.419, 24.280

 83, 75.419, 24.280

 3, 75.419, 24.280

 93, 75.419, 24.280

 0, 75.419, 24.280

 43, 75.419, 24.280

 43, 75.419, 24.280

 43, 75.721, 24.627

 44, 70.985, 18.925

 46, 65.641, 14.253

■ 49, 59.039, 10.477

■ 52, 51.317, 7.490

■ 56, 42.818, 5.127

■ 61, 33.927, 3.232

■ 66, 24.963, 1.682

■ 71, 16.153, 0.385

■ 77, 7.633, 359.258

Harmonies

Complementary

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



43, 75.419, 24.280



73, 57.090, 164.740

Rectangle

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



43, 75.419, 24.280



43, 75.419, 74.280



43, 75.419, 204.280



43, 75.419, 254.280

Sweetspot

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



43, 75.416, 24.282



80, 30.635, 1.832



39, 100.484, 318.416



40, 21.032, 2.471



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, 75.416, 24.282



54, 90.051, 25.440



46, 82.407, 44.414



40, 4.636, 359.264



35, 64.475, 23.694



4, 18.417, 6.593

Inverse Universe

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



43, 75.416, 24.282



54, 90.051, 25.440



60, 38.007, 242.802



40, 4.636, 359.264



35, 64.475, 23.694



4, 18.417, 6.593

Previews

White Background



This preview shows how the CIELCh color 43, 75.419, 24.280 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 CIE LCh color 43, 75.419, 24.280 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, 75.419, 24.280

Background



This preview shows how black text looks on a background with the CIELCh color 43, 75.419, 24.280.



This preview shows how white text looks on a background with the CIELCh color 43, 75.419, 24.280.

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, 75.419, 24.280

Protanopia

44, 13.358, 96.705

Deuteranopia

44, 35.602, 80.859



Tritanopia
43, 83.061, 38.550

Trichromacy



Original Color
43, 75.419, 24.280

Protanomaly
39, 35.355, 20.864

Deuteranomaly
39, 47.433, 37.119

Tritanomaly
43, 80.316, 34.286

Monochromacy



Original Color
43, 75.419, 24.280

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 34.235, 7.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 75.419, 24.280 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, 1, 55)` looks like.

```
.text, #text, p{  
    color:rgb(204, 1, 55)  
}
```

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, 1, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 1, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 75.419, 24.280 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, 1, 55) }
```

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

```
.border{ border-color:rgb(204, 1, 55) }
```

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

Here you see how a box with a 4 pixel rgb(204, 1, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 1, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 1, 55);  
box-shadow:4px 4px 4px 4px rgb(204, 1, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 75.419, 24.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 1, 55) }
```

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

```
.background{ background-color: rgb(204, 1,  
55) }
```

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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