

Converting Colors

CIELCh(43, 67.505, 23.980)

Have a look what the booklet for
CIELCh(43, 67.505, 23.980) contains.

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Color

CIELCh(43, 67.420, 24.077)

Conversions

Conversions Part 1

Format	Color
Hex	C3233C
RGB	195, 35, 60
RGB Percent	76%, 14%, 24%
CMY	0.2348, 0.8621, 0.7643
CMYK	0.00, 0.82, 0.69, 0.23
HSL	351°, 69%, 45%
HSV	351°, 82%, 77%
XYZ	23.9625, 13.1578, 5.5644
YIQ	85.6900, 87.3350, 41.6950

Conversions

Conversions Part 2

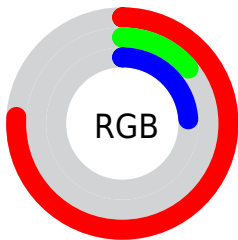
Format	Color
RYB	195, 35, 60
Decimal	12788540
CIELab	43.00, 61.55, 27.50
CIElCh	43, 67.420, 24.077
Yxy	13.1578, 0.5614, 0.3083
Android (android.graphics.Color)	4290978620 (0xFFC3233C)
YUV	85.6900, -12.6652, 95.8649
Hunter-Lab	36.2736, 54.4388, 16.2964

Details

The CIELCh color **43, 67.420, 24.077** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **71, 44.752, 178.231**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 66.358, 23.805**, and **27, 58.626, 31.905** is the 20% darker color. If you saturate the color by 10%, you get **41, 73.812, 28.893**, and if you desaturate by 10%, it is **45, 60.095, 19.954**.

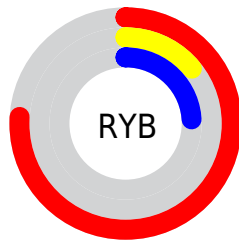
Distribution



Red (76%)

Green (14%)

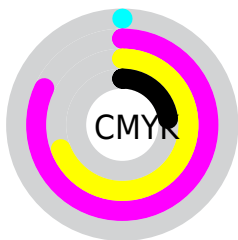
Blue (24%)



Red (76%)

Yellow (14%)

Blue (24%)

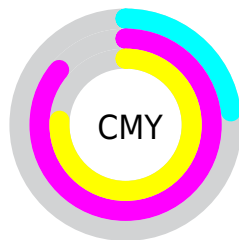


Cyan (0%)

Magenta (82%)

Yellow (69%)

Black (23%)



Cyan (23%)

Magenta (86%)

Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 67.420, 24.077 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, 67.420, 24.077 by changing the saturation by 10% instead.

 43, 67.420, 24.077

 43, 67.420, 24.077

 100, 67.420,
24.077

 33, 67.420, 24.077

 63, 67.420, 24.077

 23, 67.420, 24.077

 73, 67.420, 24.077

 13, 67.420, 24.077

 83, 67.420, 24.077

 3, 67.420, 24.077

 93, 67.420, 24.077

 0, 67.420, 24.077

 43, 67.420, 24.077

 43, 67.420, 24.077

 41, 73.812, 28.893

 45, 60.095, 19.954

 41, 78.405, 32.779

 49, 51.979, 16.614

■ 53, 43.341, 13.971

■ 57, 34.500, 11.883

■ 62, 25.736, 10.215

■ 67, 17.244, 8.859

■ 72, 9.137, 7.724

■ 78, 1.465, 6.500

■ 83, 5.763, 186.145

Harmonies

Complementary

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



43, 67.420, 24.077



71, 44.752, 178.231

Rectangle

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



43, 67.420, 24.077



43, 67.420, 74.077



43, 67.420, 204.077



43, 67.420, 254.077

Sweetspot

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



43, 67.417, 24.079



83, 24.401, 9.293



44, 89.399, 322.396



42, 16.937, 9.779



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, 67.417, 24.079



53, 94.676, 32.679



50, 63.035, 50.981



38, 4.269, 7.449



33, 67.342, 31.981



3, 14.181, 10.961

Inverse Universe

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



43, 67.417, 24.079



53, 94.676, 32.679



56, 37.398, 253.625



38, 4.269, 7.449



33, 67.342, 31.981



3, 14.181, 10.961

Previews

White Background



This preview shows how the CIELCh color 43, 67.420, 24.077 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, 67.420, 24.077 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, 67.420, 24.077

Background



This preview shows how black text looks on a background with the CIELCh color 43, 67.420, 24.077.

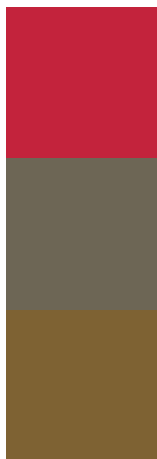


This preview shows how white text looks on a background with the CIELCh color 43, 67.420, 24.077.

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, 67.420, 24.077

Protanopia

43, 10.620, 91.732

Deuteranopia

43, 31.196, 80.036



Tritanopia
43, 70.975, 33.577

Trichromacy



Original Color
43, 67.420, 24.077

Protanomaly
40, 28.723, 26.114

Deuteranomaly
41, 40.322, 41.978

Tritanomaly
43, 69.470, 30.378

Monochromacy



Original Color
43, 67.420, 24.077

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 26.584, 12.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 67.420, 24.077 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(195, 35, 60)` looks like.

```
.text, #text, p{  
    color:rgb(195, 35, 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(195, 35, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 35, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 67.420, 24.077 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(195, 35, 60) }
```

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

```
.border{ border-color:rgb(195, 35, 60) }
```

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

Here you see how a box with a 4 pixel rgb(195, 35, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 35, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 35, 60);  
box-shadow:4px 4px 4px 4px rgb(195, 35,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 67.420, 24.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 35, 60) }
```

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

```
.background{ background-color: rgb(195, 35,  
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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