

Converting Colors

CIELCh(43, 67.334, 24.819)

Have a look what the booklet for
CIELCh(43, 67.334, 24.819) contains.

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Color

CIELCh(43, 67.436, 24.726)

Conversions

Conversions Part 1

Format	Color
Hex	C3243B
RGB	195, 36, 59
RGB Percent	76%, 14%, 23%
CMY	0.2357, 0.8593, 0.7689
CMYK	0.00, 0.82, 0.70, 0.24
HSL	351°, 69%, 45%
HSV	351°, 82%, 76%
XYZ	23.8940, 13.1578, 5.4080
YIQ	86.1630, 87.3810, 40.8610

Conversions

Conversions Part 2

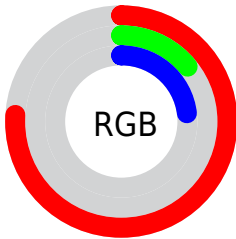
Format	Color
R_{YB}	195, 36, 59
Decimal	12788795
CIE _{Lab}	43.00, 61.25, 28.21
CIE _{LCh}	43, 67.436, 24.726
Yxy	13.1578, 0.5627, 0.3099
Android (android.graphics.Color)	4290978875 (0xFFC3243B)
YUV	86.1630, -13.3914, 95.4500
Hunter-Lab	36.2736, 54.1020, 16.5521

Details

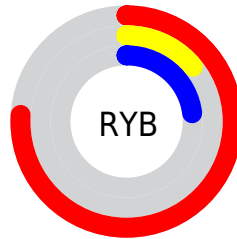
The CIELCh color **43, 67.436, 24.726** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **71, 44.130, 179.409**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 66.221, 24.571**, and **27, 58.912, 32.396** is the 20% darker color. If you saturate the color by 10%, you get **41, 74.001, 29.479**, and if you desaturate by 10%, it is **45, 59.951, 20.643**.

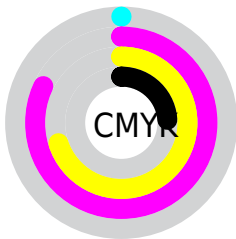
Distribution



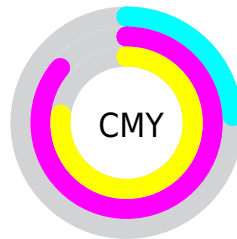
- Red (76%)
- Green (14%)
- Blue (23%)



- Red (76%)
- Yellow (14%)
- Blue (23%)



- Cyan (0%)
- Magenta (82%)
- Yellow (70%)
- Black (24%)



- Cyan (24%)
- Magenta (86%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 67.436, 24.726 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, 67.436, 24.726 by changing the saturation by 10% instead.

 43, 67.436, 24.726

 43, 67.436, 24.726

 100, 67.436,
24.726

 33, 67.436, 24.726

 63, 67.436, 24.726

 23, 67.436, 24.726

 73, 67.436, 24.726

 13, 67.436, 24.726

 83, 67.436, 24.726

 3, 67.436, 24.726

 93, 67.436, 24.726

 0, 67.436, 24.726

 43, 67.436, 24.726

 43, 67.436, 24.726

 41, 74.001, 29.479

 45, 59.951, 20.643

 41, 78.900, 33.471

 49, 51.714, 17.331

■ 53, 42.997, 14.710

■ 57, 34.119, 12.641

■ 62, 25.347, 10.991

■ 67, 16.872, 9.652

■ 72, 8.798, 8.532

■ 78, 1.171, 7.237

■ 83, 6.005, 186.986

Harmonies

Complementary

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



43, 67.436, 24.726



71, 44.130, 179.409

Rectangle

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



43, 67.436, 24.726



43, 67.436, 74.726



43, 67.436, 204.726



43, 67.436, 254.726

Sweetspot

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



43, 67.433, 24.728



83, 23.322, 10.000



44, 89.039, 322.950



42, 16.310, 10.481



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, 67.433, 24.728



53, 95.364, 33.382



51, 62.195, 52.242



38, 4.257, 8.301



33, 67.827, 32.699



3, 14.159, 11.543

Inverse Universe

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



43, 67.433, 24.728



53, 95.364, 33.382



55, 38.059, 256.162



38, 4.257, 8.301



33, 67.827, 32.699



3, 14.159, 11.543

Previews

White Background



This preview shows how the CIELCh color 43, 67.436, 24.726 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, 67.436, 24.726 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, 67.436, 24.726

Background



This preview shows how black text looks on a background with the CIELCh color 43, 67.436, 24.726.

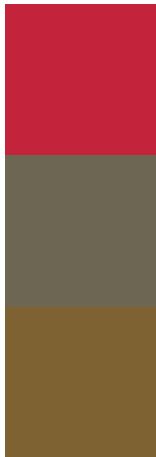


This preview shows how white text looks on a background with the CIELCh color 43, 67.436, 24.726.

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, 67.436, 24.726

Protanopia

43, 11.770, 93.158

Deuteranopia

43, 31.943, 79.581



Tritanopia
43, 70.975, 33.577

Trichromacy



Original Color
43, 67.436, 24.726

Protanomaly
40, 29.062, 28.380

Deuteranomaly
41, 41.105, 42.479

Tritanomaly
43, 69.288, 30.570

Monochromacy



Original Color
43, 67.436, 24.726

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 26.593, 13.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 67.436, 24.726 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, 36, 59)` looks like.

```
.text, #text, p{  
    color:rgb(195, 36, 59)  
}
```

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, 36, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 36, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 67.436, 24.726 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, 36, 59) }
```

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

```
.border{ border-color:rgb(195, 36, 59) }
```

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

Here you see how a box with a 4 pixel rgb(195, 36, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 36, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 36, 59);  
box-shadow:4px 4px 4px 4px rgb(195, 36,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 67.436, 24.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 36, 59) }
```

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

```
.background{ background-color: rgb(195, 36,  
59) }
```

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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