

Converting Colors

CIELCh(43, 49.455, 27.797)

Have a look what the booklet for
CIELCh(43, 49.455, 27.797) contains.

CIELCh(43, 49.499, 27.774)	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, 49.499, 27.774)

Conversions

Conversions Part 1

Format	Color
Hex	AD4242
RGB	173, 66, 66
RGB Percent	68%, 26%, 26%
CMY	0.3219, 0.7414, 0.7414
CMYK	0.00, 0.62, 0.62, 0.32
HSL	360°, 45%, 47%
HSV	360°, 62%, 68%
XYZ	20.1439, 13.1578, 6.6238
YIQ	97.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

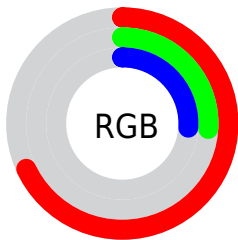
Format	Color
RYB	173, 66, 66
Decimal	11354690
CIELab	43.00, 43.80, 23.07
CIElCh	43, 49.499, 27.774
Yxy	13.1578, 0.5045, 0.3296
Android (android.graphics.Color)	4289544770 (0xFFAD4242)
YUV	97.9930, -15.7725, 65.7811
Hunter-Lab	36.2736, 35.6479, 14.5649

Details

The CIELCh color **43, 49.499, 27.774** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **65, 31.317, 196.859**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 49.611, 27.499**, and **23, 49.637, 28.075** is the 20% darker color. If you saturate the color by 10%, you get **40, 58.322, 30.766**, and if you desaturate by 10%, it is **47, 40.552, 25.379**.

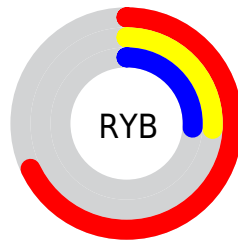
Distribution



Red (68%)

Green (26%)

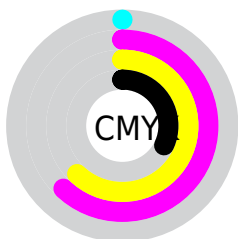
Blue (26%)



Red (68%)

Yellow (26%)

Blue (26%)

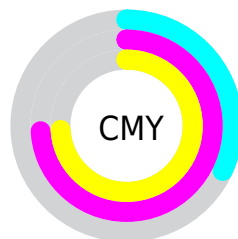


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (32%)



Cyan (32%)

Magenta (74%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 49.499, 27.774 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, 49.499, 27.774 by changing the saturation by 10% instead.

■ 43, 49.499, 27.774

■ 43, 49.499, 27.774

■ 100, 49.499,
27.774

■ 33, 49.499, 27.774

■ 63, 49.499, 27.774

■ 23, 49.499, 27.774

■ 73, 49.499, 27.774

■ 13, 49.499, 27.774

■ 83, 49.499, 27.774

■ 3, 49.499, 27.774

■ 93, 49.499, 27.774

■ 0, 49.499, 27.774

■ 43, 49.499, 27.774

■ 43, 49.499, 27.774

■ 40, 58.322, 30.766

■ 47, 40.552, 25.379

■ 38, 66.615, 34.229

■ 51, 31.774, 23.517

36, 73.587, 37.611

55, 23.366, 22.085

36, 78.070, 39.922

60, 15.446, 20.981

65, 8.064, 20.109

70, 1.221, 19.110

75, 5.113, 199.098

80, 10.980,
198.637

85, 16.430,
198.295

Harmonies

Complementary

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



43, 49.499, 27.774



65, 31.317, 196.859

Rectangle

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



43, 49.499, 27.774



43, 49.499, 77.774



43, 49.499, 207.774



43, 49.499, 257.774

Sweetspot

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



43, 49.497, 27.777



78, 16.429, 20.742



46, 67.769, 326.961



39, 11.413, 21.004



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 49.497, 27.777



51, 74.408, 31.916



54, 40.260, 66.111



34, 3.818, 19.908



31, 69.982, 39.446



2, 7.802, 19.403

Inverse Universe

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



43, 49.497, 27.777



51, 74.408, 31.916



49, 33.028, 266.435



34, 3.818, 19.908



31, 69.982, 39.446



2, 7.802, 19.403

Previews

White Background



This preview shows how the CIELCh color 43, 49.499, 27.774 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, 49.499, 27.774 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, 49.499, 27.774

Background



This preview shows how black text looks on a background with the CIELCh color 43, 49.499, 27.774.



This preview shows how white text looks on a background with the CIELCh color 43, 49.499, 27.774.

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, 49.499, 27.774

Protanopia

43, 12.925, 94.296

Deuteranopia

43, 25.545, 77.728



Tritanopia
43, 49.217, 25.369

Trichromacy



Original Color
43, 49.499, 27.774

Protanomaly
42, 21.743, 42.525

Deuteranomaly
42, 31.038, 48.146

Tritanomaly
43, 49.407, 26.018

Monochromacy



Original Color
43, 49.499, 27.774

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 17.448, 21.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 49.499, 27.774 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(173, 66, 66)` looks like.

```
.text, #text, p{  
    color:rgb(173, 66, 66)  
}
```

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(173, 66, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 66, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 49.499, 27.774 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(173, 66, 66) }
```

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

```
.border{ border-color:rgb(173, 66, 66) }
```

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

Here you see how a box with a 4 pixel rgb(173, 66, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 66, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 66, 66);  
box-shadow:4px 4px 4px 4px rgb(173, 66,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 49.499, 27.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 66, 66) }
```

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

```
.background{ background-color: rgb(173, 66,  
66) }
```

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