

Converting Colors

CIELCh(43, 47.622, 24.722)

Have a look what the booklet for
CIELCh(43, 47.622, 24.722) contains.

CIELCh(43, 47.349, 24.806)	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, 47.349, 24.806)

Conversions

Conversions Part 1

Format	Color
Hex	AB4347
RGB	171, 67, 71
RGB Percent	67%, 26%, 28%
CMY	0.3289, 0.7368, 0.7212
CMYK	0.00, 0.61, 0.58, 0.33
HSL	358°, 44%, 47%
HSV	358°, 61%, 67%
XYZ	19.9789, 13.1578, 7.4657
YIQ	98.5520, 60.7000, 23.2920

Conversions

Conversions Part 2

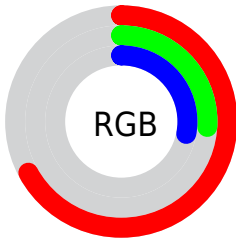
Format	Color
R _Y B	171, 67, 71
Decimal	11223879
CIE Lab	43.00, 42.98, 19.87
CIE LCh	43, 47.349, 24.806
Yxy	13.1578, 0.4921, 0.3241
Android (android.graphics.Color)	4289413959 (0xFFAB4347)
YUV	98.5520, -13.5831, 63.5369
Hunter-Lab	36.2736, 34.8360, 13.1887

Details

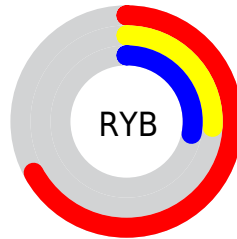
The CIELCh color **43, 47.349, 24.806** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **64, 31.287, 192.710**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 47.649, 24.879**, and **23, 47.280, 24.532** is the 20% darker color. If you saturate the color by 10%, you get **40, 55.775, 27.850**, and if you desaturate by 10%, it is **47, 38.770, 22.390**.

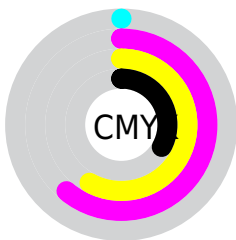
Distribution



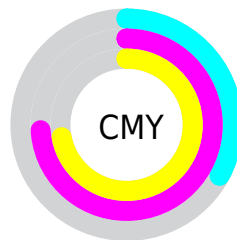
- Red (67%)
- Green (26%)
- Blue (28%)



- Red (67%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (61%)
- Yellow (58%)
- Black (33%)



- Cyan (33%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 47.349, 24.806 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, 47.349, 24.806 by changing the saturation by 10% instead.

 43, 47.349, 24.806

 43, 47.349, 24.806

 100, 47.349,
24.806

 33, 47.349, 24.806

 63, 47.349, 24.806

 23, 47.349, 24.806

 73, 47.349, 24.806

 13, 47.349, 24.806

 83, 47.349, 24.806

 3, 47.349, 24.806

 93, 47.349, 24.806

 0, 47.349, 24.806

 43, 47.349, 24.806

 43, 47.349, 24.806

 40, 55.775, 27.850

 47, 38.770, 22.390

 38, 63.737, 31.491

 51, 30.310, 20.502

36, 70.757, 35.394

55, 22.164, 19.032

35, 75.834, 38.326

60, 14.453, 17.875

65, 7.230, 16.936

70, 0.504, 15.311

75, 5.749, 195.773

80, 11.564,
195.246

85, 16.986,
194.827

Harmonies

Complementary

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



43, 47.349, 24.806



64, 31.287, 192.710

Rectangle

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



43, 47.349, 24.806



43, 47.349, 74.806



43, 47.349, 204.806



43, 47.349, 254.806

Sweetspot

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



43, 47.347, 24.809



77, 15.329, 17.628



46, 65.998, 325.885



40, 10.847, 17.914



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, 47.347, 24.809



51, 71.172, 29.068



53, 39.041, 63.023



34, 3.819, 16.808



31, 68.594, 37.903



2, 7.814, 16.807

Inverse Universe

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



43, 47.347, 24.809



51, 71.172, 29.068



50, 30.823, 262.045



34, 3.819, 16.808



31, 68.594, 37.903



2, 7.814, 16.807

Previews

White Background



This preview shows how the CIELCh color 43, 47.349, 24.806 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, 47.349, 24.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

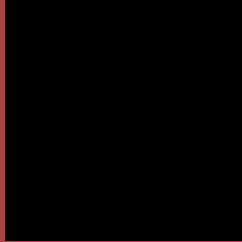
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 47.349, 24.806

Background



This preview shows how black text looks on a background with the CIELCh color 43, 47.349, 24.806.

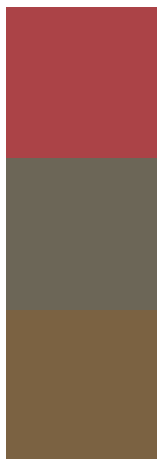


This preview shows how white text looks on a background with the CIELCh color 43, 47.349, 24.806.

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, 47.349, 24.806

Protanopia

43, 9.344, 92.485

Deuteranopia

43, 22.690, 75.908



Tritanopia
43, 47.349, 24.806

Trichromacy



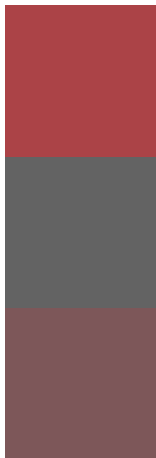
Original Color
43, 47.349, 24.806

Protanomaly
42, 19.963, 35.602

Deuteranomaly
43, 28.679, 45.281

Tritanomaly
43, 47.349, 24.806

Monochromacy



Original Color
43, 47.349, 24.806

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 16.846, 17.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 47.349, 24.806 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(171, 67, 71)` looks like.

```
.text, #text, p{  
    color:rgb(171, 67, 71)  
}
```

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(171, 67, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 67, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 47.349, 24.806 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(171, 67, 71) }
```

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

```
.border{ border-color:rgb(171, 67, 71) }
```

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

Here you see how a box with a 4 pixel rgb(171, 67, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 67, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 67, 71);  
box-shadow:4px 4px 4px 4px rgb(171, 67,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 47.349, 24.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 67, 71) }
```

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

```
.background{ background-color: rgb(171, 67,  
71) }
```

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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