

Converting Colors

CIELCh(43, 44.574, 0.969)

Have a look what the booklet for
CIELCh(43, 44.574, 0.969) contains.

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Color

CIELCh(43, 44.574, 0.969)

Conversions

Conversions Part 1

Format	Color
Hex	A74366
RGB	167, 67, 102
RGB Percent	65%, 26%, 40%
CMY	0.3456, 0.7377, 0.6004
CMYK	0.00, 0.60, 0.39, 0.35
HSL	339°, 43%, 46%
HSV	339°, 60%, 65%
XYZ	20.3007, 13.1578, 14.0104
YIQ	100.8900, 48.3650, 32.0850

Conversions

Conversions Part 2

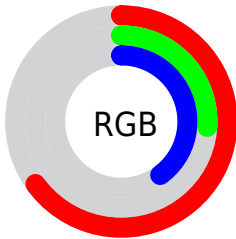
Format	Color
R _Y B	167, 67, 102
Decimal	10961766
CIE Lab	43.00, 44.57, 0.75
CIE LCh	43, 44.574, 0.969
Yxy	13.1578, 0.4277, 0.2772
Android (android.graphics.Color)	4289151846 (0xFFA74366)
YUV	100.8900, 0.5472, 57.9785
Hunter-Lab	36.2736, 36.4193, 2.4912

Details

The CIELCh color **43, 44.574, 0.969** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 38.869, 165.810**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 44.310, 1.010**, and **23, 44.545, 1.286** is the 20% darker color. If you saturate the color by 10%, you get **40, 50.775, 3.600**, and if you desaturate by 10%, it is **47, 37.540, 358.869**.

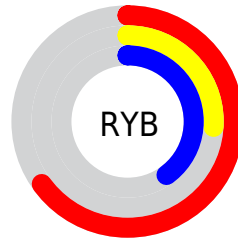
Distribution



Red (65%)

Green (26%)

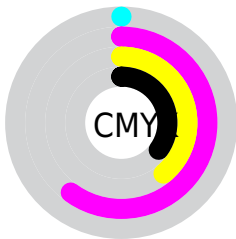
Blue (40%)



Red (65%)

Yellow (26%)

Blue (40%)

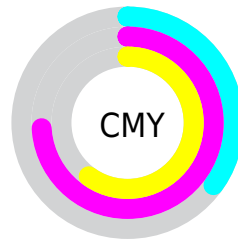


Cyan (0%)

Magenta (60%)

Yellow (39%)

Black (35%)



Cyan (35%)

Magenta (74%)








Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 44.574, 0.969 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, 44.574, 0.969 by changing the saturation by 10% instead.

 43, 44.574, 0.969	 43, 44.574, 0.969
 100, 44.574, 0.969	 33, 44.574, 0.969
 63, 44.574, 0.969	 23, 44.574, 0.969
 73, 44.574, 0.969	 13, 44.574, 0.969
 83, 44.574, 0.969	 3, 44.574, 0.969
 93, 44.574, 0.969	 0, 44.574, 0.969

 43, 44.574, 0.969	 43, 44.574, 0.969
 40, 50.775, 3.600	 47, 37.540, 358.869
 38, 55.823, 6.923	
 36, 59.556, 11.099	 50, 30.031, 357.158

35, 62.409, 15.964

55, 22.341,
355.732

35, 62.434, 16.002

59, 14.682,
354.516

64, 7.191, 353.442

68, 0.054, 180.064

73, 7.016, 171.818

78, 13.687,
171.054

83, 20.072,
170.377

Harmonies

Complementary

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



43, 44.574, 0.969



62, 38.869, 165.810

Rectangle

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



43, 44.574, 0.969



43, 44.574, 50.969



43, 44.574, 180.969



43, 44.574, 230.969

Sweetspot

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



43, 44.571, 0.971



76, 16.375, 354.337



40, 62.121, 316.034



39, 11.519, 354.656



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



43, 44.571, 0.971



51, 63.950, 4.640



45, 42.347, 35.448



33, 4.127, 353.377



31, 57.027, 15.397



2, 7.211, 355.866

Inverse Universe

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



43, 44.571, 0.971



51, 63.950, 4.640



59, 26.375, 214.118



33, 4.127, 353.377



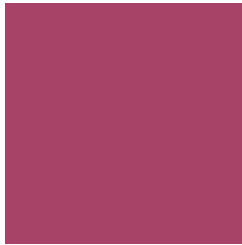
31, 57.027, 15.397



2, 7.211, 355.866

Previews

White Background



This preview shows how the CIELCh color 43, 44.574, 0.969 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, 44.574, 0.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

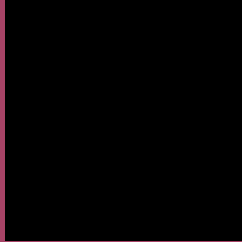
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 44.574, 0.969

Background



This preview shows how black text looks on a background with the CIELCh color 43, 44.574, 0.969.



This preview shows how white text looks on a background with the CIELCh color 43, 44.574, 0.969.

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, 44.574, 0.969

Protanopia

43, 13.256, 287.192

Deuteranopia

43, 6.536, 30.661



Tritanopia
43, 42.059, 22.510

Trichromacy



Original Color
43, 44.574, 0.969

Protanomaly
42, 20.761, 333.544

Deuteranomaly
42, 20.857, 2.580

Tritanomaly
43, 42.396, 14.431

Monochromacy



Original Color
43, 44.574, 0.969

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 16.819, 356.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 44.574, 0.969 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(167, 67, 102)` looks like.

```
.text, #text, p{  
    color:rgb(167, 67, 102)  
}
```

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(167, 67, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 67, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 44.574, 0.969 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(167, 67, 102) }
```

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

```
.border{ border-color:rgb(167, 67, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 67, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 67, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 67, 102);  
box-shadow:4px 4px 4px 4px rgb(167, 67,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 44.574, 0.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 67, 102) }
```

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

```
.background{ background-color: rgb(167, 67,  
102) }
```

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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