

Converting Colors

CIELCh(44, 42.160, 2.704)

Have a look what the booklet for
CIELCh(44, 42.160, 2.704) contains.

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Color

CIELCh(44, 42.202, 2.823)

Conversions

Conversions Part 1

Format	Color
Hex	A74866
RGB	167, 72, 102
RGB Percent	65%, 28%, 40%
CMY	0.3446, 0.7172, 0.5996
CMYK	0.00, 0.57, 0.39, 0.34
HSL	341°, 40%, 47%
HSV	341°, 57%, 66%
XYZ	20.6889, 13.8382, 14.1774
YIQ	103.8250, 46.9900, 29.4700

Conversions

Conversions Part 2

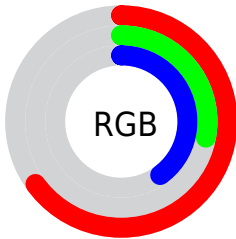
Format	Color
RYB	167, 72, 102
Decimal	10963046
CIELab	44.00, 42.15, 2.08
CIELCh	44, 42.202, 2.823
Yxy	13.8382, 0.4248, 0.2841
Android (android.graphics.Color)	4289153126 (0xFFA74866)
YUV	103.8250, -0.8997, 55.4045
Hunter-Lab	37.1997, 34.1747, 3.4435

Details

The CIELCh color **44, 42.202, 2.823** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 36.152, 168.610**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 42.310, 2.650**, and **24, 42.201, 2.995** is the 20% darker color. If you saturate the color by 10%, you get **41, 48.811, 5.396**, and if you desaturate by 10%, it is **48, 34.937, 0.767**.

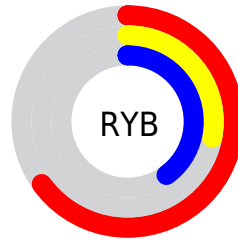
Distribution



Red (65%)

Green (28%)

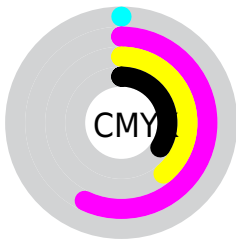
Blue (40%)



Red (65%)

Yellow (28%)

Blue (40%)

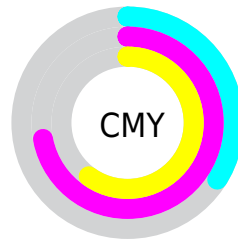


Cyan (0%)

Magenta (57%)

Yellow (39%)

Black (34%)



Cyan (34%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 42.202, 2.823 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 44, 42.202, 2.823 by changing the saturation by 10% instead.

 44, 42.202, 2.823  44, 42.202, 2.823

 100, 42.202, 2.823  34, 42.202, 2.823

 64, 42.202, 2.823  24, 42.202, 2.823

 74, 42.202, 2.823  14, 42.202, 2.823

 84, 42.202, 2.823  4, 42.202, 2.823

 94, 42.202, 2.823  0, 42.202, 2.823

 44, 42.202, 2.823  44, 42.202, 2.823

 41, 48.811, 5.396  48, 34.937, 0.767

 38, 54.440, 8.644  52, 27.351,
359.090

 36, 58.875, 12.727

35, 62.237, 17.658

56, 19.701,
357.693

35, 63.308, 19.217

61, 12.165,
356.498

65, 4.853, 355.426

70, 2.179, 174.805

75, 8.909, 173.866

80, 15.337,
173.131

85, 21.477,
172.475

Harmonies

Complementary

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



44, 42.202, 2.823



62, 36.152, 168.610

Rectangle

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



44, 42.202, 2.823



44, 42.202, 52.823



44, 42.202, 182.823



44, 42.202, 232.823

Sweetspot

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



44, 42.199, 2.825



77, 15.179, 356.549



42, 59.436, 317.484



40, 10.268, 356.767



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



44, 42.199, 2.825



52, 60.990, 6.101



47, 38.560, 38.868



33, 4.052, 355.686



31, 57.713, 18.589



2, 7.099, 357.949

Inverse Universe

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



44, 42.199, 2.825



52, 60.990, 6.101



58, 24.880, 221.227



33, 4.052, 355.686



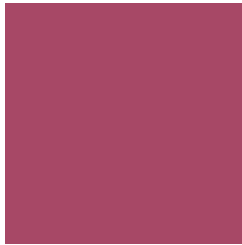
31, 57.713, 18.589



2, 7.099, 357.949

Previews

White Background



This preview shows how the CIELCh color 44, 42.202, 2.823 looks on a white background.

Color Contrast Check

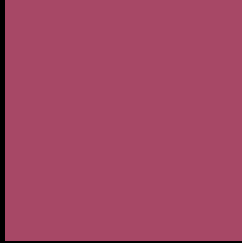
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 42.202, 2.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

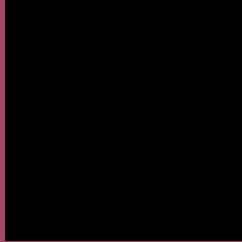
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 42.202, 2.823

Background



This preview shows how black text looks on a background with the CIELCh color 44, 42.202, 2.823.



This preview shows how white text looks on a background with the CIELCh color 44, 42.202, 2.823.

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

44, 42.202, 2.823

Protanopia

44, 10.191, 287.299

Deuteranopia

44, 7.092, 34.725



Tritanopia
44, 40.473, 21.870

Trichromacy



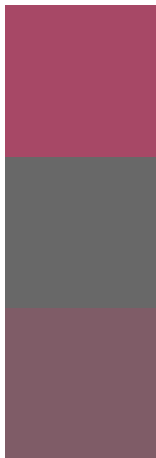
Original Color
44, 42.202, 2.823

Protanomaly
43, 19.062, 338.474

Deuteranomaly
43, 20.014, 6.920

Tritanomaly
44, 40.165, 14.650

Monochromacy



Original Color
44, 42.202, 2.823

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 16.148, 357.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 42.202, 2.823 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, 72, 102)` looks like.

```
.text, #text, p{  
    color:rgb(167, 72, 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, 72, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 72, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 42.202, 2.823 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, 72, 102) }
```

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

```
.border{ border-color:rgb(167, 72, 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, 72, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 72, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 72, 102);  
box-shadow:4px 4px 4px 4px rgb(167, 72,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 42.202, 2.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 72, 102) }
```

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

```
.background{ background-color: rgb(167, 72,  
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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