

Converting Colors

CIELCh(43, 41.326, 7.493)

Have a look what the booklet for
CIELCh(43, 41.326, 7.493) contains.

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Color

CIELCh(43, 41.082, 7.945)

Conversions

Conversions Part 1

Format	Color
Hex	A4475E
RGB	164, 71, 94
RGB Percent	64%, 28%, 37%
CMY	0.3577, 0.7223, 0.6321
CMYK	0.00, 0.57, 0.43, 0.36
HSL	345°, 40%, 46%
HSV	345°, 57%, 64%
XYZ	19.5203, 13.1578, 12.0588
YIQ	101.4290, 48.0450, 26.8690

Conversions

Conversions Part 2

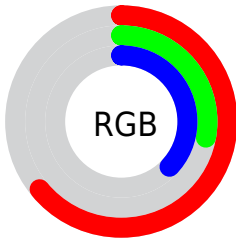
Format	Color
RYB	164, 71, 94
Decimal	10766174
CIELab	43.00, 40.69, 5.68
CIElCh	43, 41.082, 7.945
Yxy	13.1578, 0.4363, 0.2941
Android (android.graphics.Color)	4288956254 (0xFFA4475E)
YUV	101.4290, -3.6625, 54.8748
Hunter-Lab	36.2736, 32.5790, 5.6812

Details

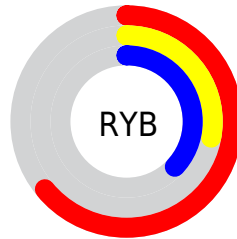
The CIELCh color **43, 41.082, 7.945** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **61, 33.482, 173.701**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 41.027, 8.180**, and **23, 41.035, 8.063** is the 20% darker color. If you saturate the color by 10%, you get **40, 47.885, 10.693**, and if you desaturate by 10%, it is **47, 33.784, 5.762**.

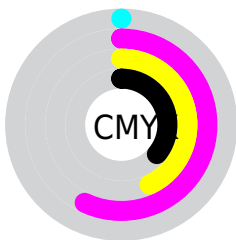
Distribution



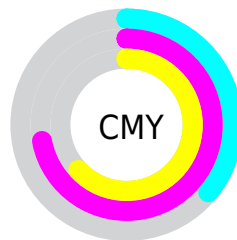
- Red (64%)
- Green (28%)
- Blue (37%)



- Red (64%)
- Yellow (28%)
- Blue (37%)



- Cyan (0%)
- Magenta (57%)
- Yellow (43%)
- Black (36%)



- Cyan (36%)
- Magenta (72%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 41.082, 7.945 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, 41.082, 7.945 by changing the saturation by 10% instead.

 43, 41.082, 7.945  43, 41.082, 7.945


 100, 41.082, 7.945  33, 41.082, 7.945

 63, 41.082, 7.945  23, 41.082, 7.945

 73, 41.082, 7.945  13, 41.082, 7.945

 83, 41.082, 7.945  3, 41.082, 7.945

 93, 41.082, 7.945  0, 41.082, 7.945

 43, 41.082, 7.945  43, 41.082, 7.945

 40, 47.885, 10.693  47, 33.784, 5.762

 37, 53.904, 14.156  51, 26.292, 3.998

 35, 58.953, 18.460  55, 18.831, 2.546

■ 34, 63.135, 23.525

■ 59, 11.557, 1.321

■ 34, 64.516, 25.121

■ 64, 4.559, 0.232

■ 69, 2.123, 179.632

■ 74, 8.478, 178.695

■ 78, 14.515,
177.975

■ 83, 20.252,
177.339

Harmonies

Complementary

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



43, 41.082, 7.945



61, 33.482, 173.701

Rectangle

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



43, 41.082, 7.945



43, 41.082, 57.945



43, 41.082, 187.945



43, 41.082, 237.945

Sweetspot

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



43, 41.079, 7.947



76, 14.599, 1.385



42, 58.756, 319.545



39, 9.787, 1.603



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



43, 41.079, 7.947



51, 60.425, 11.493



47, 36.481, 44.435



32, 3.823, 0.502



30, 58.856, 24.493



1, 5.769, 1.424

Inverse Universe

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



43, 41.079, 7.947



51, 60.425, 11.493



55, 24.228, 231.563



32, 3.823, 0.502



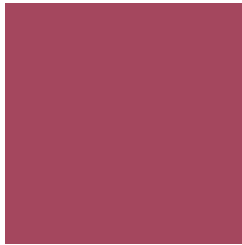
30, 58.856, 24.493



1, 5.769, 1.424

Previews

White Background



This preview shows how the CIELCh color 43, 41.082, 7.945 looks on a white background.

Color Contrast Check

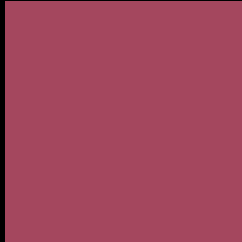
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.082, 7.945 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, 41.082, 7.945

Background



This preview shows how black text looks on a background with the CIELCh color 43, 41.082, 7.945.



This preview shows how white text looks on a background with the CIELCh color 43, 41.082, 7.945.

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, 41.082, 7.945

Protanopia

43, 5.418, 286.753

Deuteranopia

43, 10.023, 52.571



Tritanopia
43, 40.174, 21.897

Trichromacy



Original Color
43, 41.082, 7.945

Protanomaly
42, 16.121, 350.436

Deuteranomaly
42, 20.377, 17.359

Tritanomaly
43, 40.047, 17.128

Monochromacy



Original Color
43, 41.082, 7.945

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 15.307, 3.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 41.082, 7.945 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(164, 71, 94)` looks like.

```
.text, #text, p{  
    color:rgb(164, 71, 94)  
}
```

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(164, 71, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 71, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 41.082, 7.945 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(164, 71, 94) }
```

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

```
.border{ border-color:rgb(164, 71, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 71, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 71, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 71, 94);  
box-shadow:4px 4px 4px 4px rgb(164, 71,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 41.082, 7.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 71, 94) }
```

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

```
.background{ background-color: rgb(164, 71,  
94) }
```

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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