

Converting Colors

CIELCh(41, 36.077, 0.896)

Have a look what the booklet for
CIELCh(41, 36.077, 0.896) contains.

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Color

CIELCh(41, 36.040, 0.830)

Conversions

Conversions Part 1

Format	Color
Hex	964761
RGB	150, 71, 97
RGB Percent	59%, 28%, 38%
CMY	0.4116, 0.7214, 0.6194
CMYK	0.00, 0.53, 0.35, 0.41
HSL	340°, 36%, 43%
HSV	340°, 53%, 59%
XYZ	17.0023, 11.8645, 12.7137
YIQ	97.5850, 38.7380, 24.8340

Conversions

Conversions Part 2

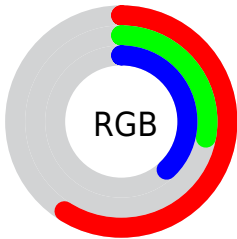
Format	Color
R_{YB}	150, 71, 97
Decimal	9848673
CIE Lab	41.00, 36.04, 0.52
CIE LCh	41, 36.040, 0.830
Yxy	11.8645, 0.4089, 0.2853
Android (android.graphics.Color)	4288038753 (0xFF964761)
YUV	97.5850, -0.2884, 45.9680
Hunter-Lab	34.4449, 27.8306, 2.2274

Details

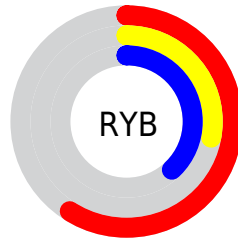
The CIELCh color **41, 36.040, 0.830** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **57, 31.471, 168.339**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 35.796, 1.104**, and **21, 36.216, 0.547** is the 20% darker color. If you saturate the color by 10%, you get **38, 42.383, 3.083**, and if you desaturate by 10%, it is **45, 29.223, 359.009**.

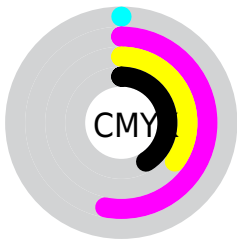
Distribution



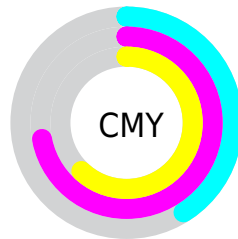
- Red (59%)
- Green (28%)
- Blue (38%)



- Red (59%)
- Yellow (28%)
- Blue (38%)



- Cyan (0%)
- Magenta (53%)
- Yellow (35%)
- Black (41%)



- Cyan (41%)
- Magenta (72%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 36.040, 0.830 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 41, 36.040, 0.830 by changing the saturation by 10% instead.


 41, 36.040, 0.830  41, 36.040, 0.830

 100, 36.040, 0.830  31, 36.040, 0.830



 61, 36.040, 0.830  21, 36.040, 0.830



 71, 36.040, 0.830  11, 36.040, 0.830

 81, 36.040, 0.830  1, 36.040, 0.830

 91, 36.040, 0.830  0, 36.040, 0.830

 41, 36.040, 0.830  41, 36.040, 0.830

 38, 42.383, 3.083  45, 29.223,
359.009

 35, 47.947, 5.909  48, 22.213,
357.502

 33, 52.464, 9.473

■ 32, 55.846, 13.908

■ 52, 15.212,
356.228

■ 31, 58.048, 17.435

■ 57, 8.355, 355.119

■ 61, 1.720, 353.994

■ 65, 4.656, 173.453

■ 70, 10.760,
172.653

■ 74, 16.597,
171.959

■ 79, 22.181,
171.333

Harmonies

Complementary

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



41, 36.040, 0.830



57, 31.471, 168.339

Rectangle

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



41, 36.040, 0.830



41, 36.040, 50.830



41, 36.040, 180.830



41, 36.040, 230.830

Sweetspot

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



41, 36.038, 0.832



70, 13.103, 355.510



40, 50.546, 316.823



35, 8.848, 355.712



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



41, 36.038, 0.832



49, 52.347, 3.490



43, 32.480, 37.148



29, 3.664, 354.759



28, 54.427, 16.962



1, 3.152, 353.975

Inverse Universe

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



41, 36.038, 0.832



49, 52.347, 3.490



53, 21.819, 218.181



29, 3.664, 354.759



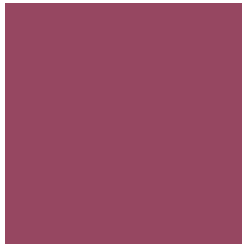
28, 54.427, 16.962



1, 3.152, 353.975

Previews

White Background



This preview shows how the CIELCh color 41, 36.040, 0.830 looks on a white background.

Color Contrast Check

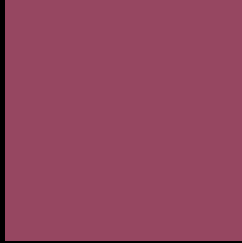
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 41, 36.040, 0.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

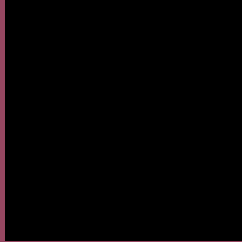
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 36.040, 0.830

Background



This preview shows how black text looks on a background with the CIELCh color 41, 36.040, 0.830.



This preview shows how white text looks on a background with the CIELCh color 41, 36.040, 0.830.

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

41, 36.040, 0.830

Protanopia

41, 9.143, 284.201

Deuteranopia

41, 6.057, 25.843



Tritanopia
41, 33.905, 19.094

Trichromacy



Original Color
41, 36.040, 0.830

Protanomaly
41, 15.710, 334.537

Deuteranomaly
41, 16.680, 5.203

Tritanomaly
41, 34.040, 12.349

Monochromacy



Original Color
41, 36.040, 0.830

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 13.709, 355.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 36.040, 0.830 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(150, 71, 97)` looks like.

```
.text, #text, p{  
    color:rgb(150, 71, 97)  
}
```

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(150, 71, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 71, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 36.040, 0.830 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(150, 71, 97) }
```

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

```
.border{ border-color:rgb(150, 71, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 71, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 71, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 71, 97);  
box-shadow:4px 4px 4px 4px rgb(150, 71,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 36.040, 0.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 71, 97) }
```

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

```
.background{ background-color: rgb(150, 71,  
97) }
```

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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