

Converting Colors

CIELCh(41, 34.294, 1.069)

Have a look what the booklet for
CIELCh(41, 34.294, 1.069) contains.

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Color

CIELCh(41, 34.248, 1.087)

Conversions

Conversions Part 1

Format	Color
Hex	944961
RGB	148, 73, 97
RGB Percent	58%, 29%, 38%
CMY	0.4206, 0.7146, 0.6205
CMYK	0.00, 0.51, 0.34, 0.42
HSL	341°, 34%, 43%
HSV	341°, 51%, 58%
XYZ	16.6795, 11.8645, 12.6639
YIQ	98.1610, 36.9960, 23.3640

Conversions

Conversions Part 2

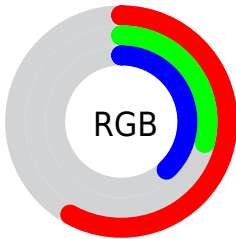
Format	Color
R_{YB}	148, 73, 97
Decimal	9718113
CIE Lab	41.00, 34.24, 0.65
CIE LCh	41, 34.248, 1.087
Yxy	11.8645, 0.4048, 0.2879
Android (android.graphics.Color)	4287908193 (0xFF944961)
YUV	98.1610, -0.5724, 43.7088
Hunter-Lab	34.4449, 26.1578, 2.3130

Details

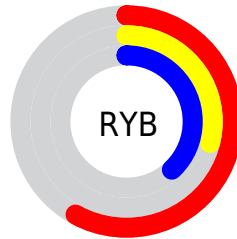
The CIELCh color **41, 34.248, 1.087** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **56, 29.889, 169.215**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 34.011, 1.567**, and **21, 33.949, 0.928** is the 20% darker color. If you saturate the color by 10%, you get **38, 40.643, 3.267**, and if you desaturate by 10%, it is **45, 27.458, 359.321**.

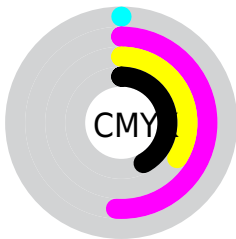
Distribution



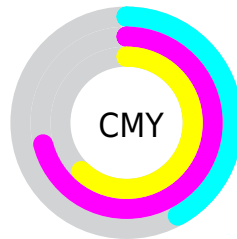
- Red (58%)
- Green (29%)
- Blue (38%)



- Red (58%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (51%)
- Yellow (34%)
- Black (42%)






















- Cyan (42%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 34.248, 1.087 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, 34.248, 1.087 by changing the saturation by 10% instead.

 41, 34.248, 1.087	 41, 34.248, 1.087
 100, 34.248, 1.087	 31, 34.248, 1.087
 61, 34.248, 1.087	 21, 34.248, 1.087
 71, 34.248, 1.087	 11, 34.248, 1.087
 81, 34.248, 1.087	 1, 34.248, 1.087
 91, 34.248, 1.087	 0, 34.248, 1.087

 41, 34.248, 1.087	 41, 34.248, 1.087
 38, 40.643, 3.267	 45, 27.458, 359.321
 35, 46.348, 5.994	
 33, 51.084, 9.433	 48, 20.534, 357.855

■ 32, 54.722, 13.725

■ 52, 13.658,
356.611

■ 31, 57.565, 18.173

■ 57, 6.950, 355.522

■ 61, 0.476, 353.856

■ 65, 5.735, 173.888

■ 70, 11.675,
173.116

■ 74, 17.353,
172.438

■ 78, 22.782,
171.824

Harmonies

Complementary

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



41, 34.248, 1.087



56, 29.889, 169.215

Rectangle

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



41, 34.248, 1.087



41, 34.248, 51.087



41, 34.248, 181.087



41, 34.248, 231.087

Sweetspot

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



41, 34.246, 1.089



70, 12.077, 356.004



40, 48.157, 316.755



36, 8.333, 356.213



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, 34.246, 1.089



49, 50.261, 3.633



43, 30.681, 36.993



29, 3.647, 355.362



28, 54.601, 17.780



1, 3.136, 354.576

Inverse Universe

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



41, 34.246, 1.089



49, 50.261, 3.633



53, 20.984, 217.979



29, 3.647, 355.362



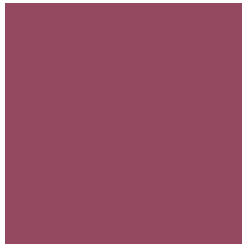
28, 54.601, 17.780



1, 3.136, 354.576

Previews

White Background



This preview shows how the CIELCh color 41, 34.248, 1.087 looks on a white background.

Color Contrast Check

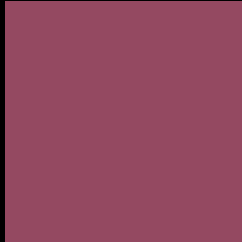
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 34.248, 1.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

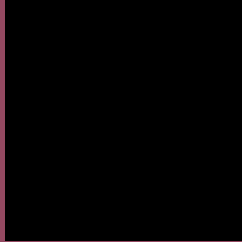
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 34.248, 1.087

Background



This preview shows how black text looks on a background with the CIELCh color 41, 34.248, 1.087.

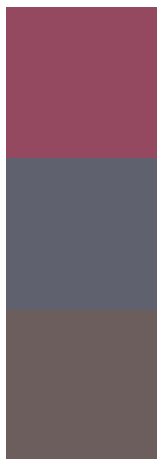


This preview shows how white text looks on a background with the CIELCh color 41, 34.248, 1.087.

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, 34.248, 1.087

Protanopia

41, 8.507, 286.161

Deuteranopia

41, 6.057, 25.843



Tritanopia
41, 31.648, 19.226

Trichromacy



Original Color
41, 34.248, 1.087

Protanomaly
41, 15.294, 336.129

Deuteranomaly
41, 16.259, 4.674

Tritanomaly
41, 32.254, 12.239

Monochromacy



Original Color
41, 34.248, 1.087

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 12.687, 355.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 34.248, 1.087 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(148, 73, 97)` looks like.

```
.text, #text, p{  
    color:rgb(148, 73, 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(148, 73, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 73, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 34.248, 1.087 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(148, 73, 97) }
```

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

```
.border{ border-color:rgb(148, 73, 97) }
```

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

Here you see how a box with a 4 pixel rgb(148, 73, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 73, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 73, 97);  
box-shadow:4px 4px 4px 4px rgb(148, 73,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 34.248, 1.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 73, 97) }
```

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

```
.background{ background-color: rgb(148, 73,  
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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