

Converting Colors

CIELCh(40, 33.429, 341.713)

Have a look what the booklet for
CIELCh(40, 33.429, 341.713)
contains.

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Color

CIELCh(40, 33.237, 341.867)

Conversions

Conversions Part 1

Format	Color
Hex	884A70
RGB	136, 74, 112
RGB Percent	53%, 29%, 44%
CMY	0.4675, 0.7106, 0.5616
CMYK	0.00, 0.46, 0.18, 0.47
HSL	323°, 30%, 41%
HSV	323°, 46%, 53%
XYZ	15.4651, 11.2510, 16.6247
YIQ	96.8700, 24.7540, 24.9620

Conversions

Conversions Part 2

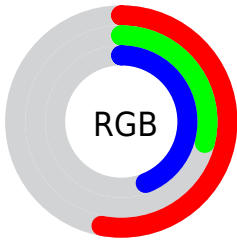
Format	Color
R_{YB}	136, 74, 112
Decimal	8931952
CIE _{Lab}	40.00, 31.59, -10.34
CIE _{LCh}	40, 33.237, 341.867
Yxy	11.2510, 0.3568, 0.2596
Android (android.graphics.Color)	4287122032 (0xFF884A70)
YUV	96.8700, 7.4591, 34.3170
Hunter-Lab	33.5425, 23.5999, -5.9062

Details

The CIELCh color $40, 33.237, 341.867$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 32.458, 153.831$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 33.646, 341.720$, and $20, 33.124, 341.867$ is the 20% darker color. If you saturate the color by 10%, you get $37, 39.808, 342.986$, and if you desaturate by 10%, it is $43, 26.152, 340.877$.

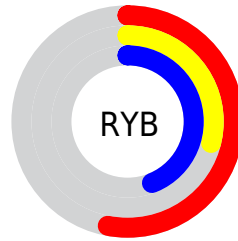
Distribution



Red (53%)

Green (29%)

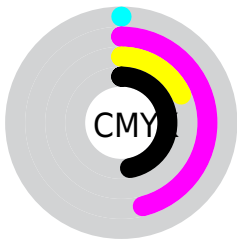
Blue (44%)



Red (53%)

Yellow (29%)

Blue (44%)

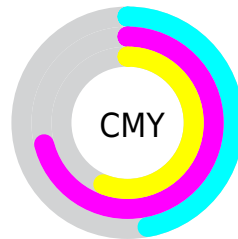


Cyan (0%)

Magenta (46%)

Yellow (18%)

Black (47%)



Cyan (47%)


Magenta (71%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 33.237, 341.867 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 40, 33.237, 341.867 by changing the saturation by 10% instead.


 40, 33.237,
341.867


 40, 33.237,
341.867


 100, 33.237,
341.867


 30, 33.237,
341.867

 60, 33.237,
341.867


 20, 33.237,
341.867


 70, 33.237,
341.867


 10, 33.237,
341.867

 80, 33.237,
341.867

 0, 33.237, 341.867

 90, 33.237,
341.867

 40, 33.237,

 40, 33.237,

341.867

■ 37, 39.808,
342.986

■ 34, 45.548,
344.278

■ 32, 50.106,
345.811

■ 31, 53.184,
347.675

■ 29, 54.733,
349.951

■ 29, 55.291,
350.978

341.867

■ 43, 26.152,
340.877

■ 47, 18.817,
339.982

■ 51, 11.420,
339.159

■ 54, 4.086, 338.365

■ 58, 3.104, 157.825

■ 62, 10.106,
157.114

■ 66, 16.898,
156.497

■ 70, 23.476,
155.925

■ 74, 29.841,
155.390

Harmonies

Complementary

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



40, 33.237, 341.867



52, 32.458, 153.831

Rectangle

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



40, 33.237, 341.867



40, 33.237, 31.867



40, 33.237, 161.867



40, 33.237, 211.867

Sweetspot

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



40, 33.235, 341.868



65, 12.614, 339.053



36, 39.254, 307.635



33, 8.789, 339.204



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



40, 33.235, 341.868



48, 48.557, 343.052



39, 28.067, 15.310



27, 4.144, 338.649



28, 54.374, 350.908



0, 1.907, 338.028

Inverse Universe

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



40, 33.235, 341.868



48, 48.557, 343.052



52, 22.011, 186.154



27, 4.144, 338.649



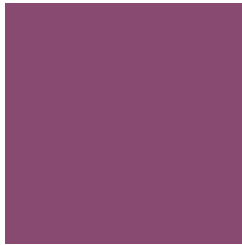
28, 54.374, 350.908



0, 1.907, 338.028

Previews

White Background



This preview shows how the CIELCh color 40, 33.237, 341.867 looks on a white background.

Color Contrast Check

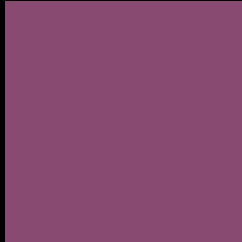
Large Text (above 18pt) WCAG AA ✓ Pass

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 40, 33.237, 341.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

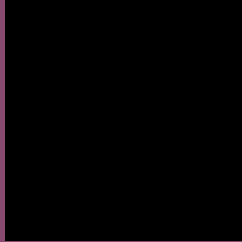
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 33.237, 341.867

Background



This preview shows how black text looks on a background with the CIELCh color 40, 33.237, 341.867.

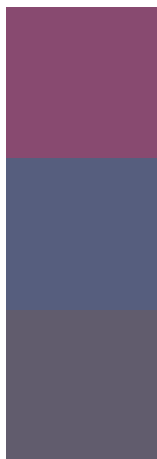


This preview shows how white text looks on a background with the CIELCh color 40, 33.237, 341.867.

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

40, 33.237, 341.867

Protanopia

40, 19.595, 284.727

Deuteranopia

40, 10.601, 302.494



Tritanopia
40, 24.286, 14.818

Trichromacy



Original Color
40, 33.237, 341.867

Protanomaly
40, 21.849, 310.359

Deuteranomaly
40, 18.522, 326.712

Tritanomaly
40, 26.447, 359.861

Monochromacy



Original Color
40, 33.237, 341.867

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 12.108, 340.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 33.237, 341.867 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(136, 74, 112)` looks like.

```
.text, #text, p{  
    color:rgb(136, 74, 112)  
}
```

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(136, 74, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 74, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 33.237, 341.867 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(136, 74, 112) }
```

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

```
.border{ border-color:rgb(136, 74, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 74, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 74, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 74, 112);  
box-shadow:4px 4px 4px 4px rgb(136, 74,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 33.237, 341.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 74, 112) }
```

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

```
.background{ background-color: rgb(136, 74,  
112) }
```

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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