

Converting Colors

CIELCh(40, 34.835, 334.241)

Have a look what the booklet for
CIELCh(40, 34.835, 334.241)
contains.

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Color

CIELCh(40, 34.210, 334.366)

Conversions

Conversions Part 1

Format	Color
Hex	844B77
RGB	132, 75, 119
RGB Percent	52%, 29%, 47%
CMY	0.4827, 0.7062, 0.5336
CMYK	0.00, 0.43, 0.10, 0.48
HSL	314°, 28%, 41%
HSV	314°, 43%, 52%
XYZ	15.3391, 11.2510, 18.7915
YIQ	97.0590, 19.8480, 25.7680

Conversions

Conversions Part 2

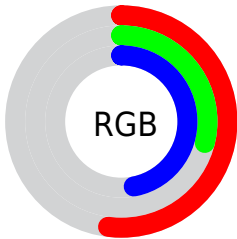
Format	Color
R_{YB}	132, 75, 119
Decimal	8670071
CIE _{Lab}	40.00, 30.84, -14.80
CIE _{LCh}	40, 34.210, 334.366
Yxy	11.2510, 0.3380, 0.2479
Android (android.graphics.Color)	4286860151 (0xFF844B77)
YUV	97.0590, 10.8169, 30.6433
Hunter-Lab	33.5425, 22.9293, -9.7362

Details

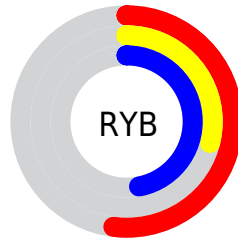
The CIELCh color $[40, 34.210, 334.366]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[50, 34.068, 147.991]$, and the grayscale version is $[41, 0.006, 296.813]$.

A 20% lighter version of the original color is $[60, 34.229, 334.401]$, and $[20, 34.299, 334.809]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 41.400, 335.108]$, and if you desaturate by 10%, it is $[43, 26.505, 333.659]$.

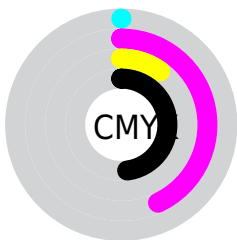
Distribution



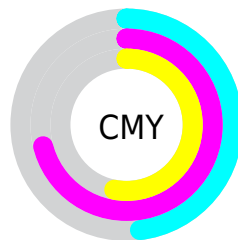
- Red (52%)
- Green (29%)
- Blue (47%)



- Red (52%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (48%)





- Cyan (48%)
- Magenta (71%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 34.210, 334.366 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, 34.210, 334.366 by changing the saturation by 10% instead.


 40, 34.210,
334.366


 40, 34.210,
334.366


 100, 34.210,
334.366

 30, 34.210,
334.366

 60, 34.210,
334.366


 20, 34.210,
334.366

 70, 34.210,
334.366

 10, 34.210,
334.366

 80, 34.210,
334.366

 0, 34.210, 334.366

 90, 34.210,
334.366

 40, 34.210,

 40, 34.210,

334.366

■ 37, 41.400,
335.108

■ 34, 47.768,
335.893

■ 32, 52.968,
336.742

■ 31, 56.687,
337.681

■ 30, 58.748,
338.750

■ 29, 59.709,
339.512

334.366

■ 43, 26.505,
333.659

■ 47, 18.544,
332.979

■ 50, 10.511,
332.321

■ 54, 2.533, 331.631

■ 58, 5.306, 151.174

■ 62, 12.958,
150.583

■ 65, 20.400,
150.040

■ 69, 27.620,
149.528

■ 73, 34.621,
149.045

Harmonies

Complementary

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



40, 34.210, 334.366



50, 34.068, 147.991

Rectangle

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



40, 34.210, 334.366



40, 34.210, 24.366



40, 34.210, 154.366



40, 34.210, 204.366

Sweetspot

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



40, 34.208, 334.366



64, 12.786, 332.327



35, 35.798, 302.255



33, 9.027, 332.454



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



40, 34.208, 334.366



48, 49.991, 335.105



39, 26.276, 2.303



26, 4.498, 332.055



29, 59.109, 339.493



0, 1.070, 331.525

Inverse Universe

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



40, 34.208, 334.366



48, 49.991, 335.105



51, 22.997, 172.823



26, 4.498, 332.055



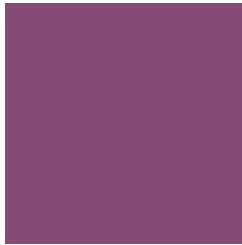
29, 59.109, 339.493



0, 1.070, 331.525

Previews

White Background



This preview shows how the CIELCh color 40, 34.210, 334.366 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 40, 34.210, 334.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

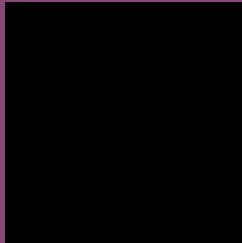
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 34.210, 334.366

Background



This preview shows how black text looks on a background with the CIELCh color 40, 34.210, 334.366.



This preview shows how white text looks on a background with the CIELCh color 40, 34.210, 334.366.

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, 34.210, 334.366

Protanopia

40, 24.479, 285.808

Deuteranopia

40, 14.026, 292.285



Tritanopia
40, 21.104, 11.280

Trichromacy



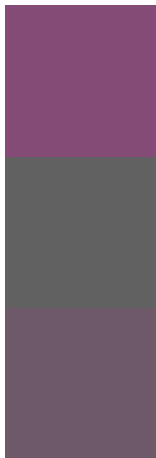
Original Color
40, 34.210, 334.366

Protanomaly
40, 26.371, 305.872

Deuteranomaly
40, 20.700, 316.089

Tritanomaly
40, 24.123, 353.497

Monochromacy



Original Color
40, 34.210, 334.366

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 13.036, 333.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 34.210, 334.366 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(132, 75, 119)` looks like.

```
.text, #text, p{  
    color:rgb(132, 75, 119)  
}
```

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(132, 75, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 75, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 34.210, 334.366 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(132, 75, 119) }
```

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

```
.border{ border-color:rgb(132, 75, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 75, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 75, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 75, 119);  
box-shadow:4px 4px 4px 4px rgb(132, 75,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 34.210, 334.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 75, 119) }
```

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

```
.background{ background-color: rgb(132, 75,  
119) }
```

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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