

Converting Colors

CIELCh(40, 30.650, 332.971)

Have a look what the booklet for
CIELCh(40, 30.650, 332.971)
contains.

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Color

CIELCh(40, 30.249, 333.095)

Conversions

Conversions Part 1

Format	Color
Hex	7F4E75
RGB	127, 78, 117
RGB Percent	50%, 31%, 46%
CMY	0.5019, 0.6940, 0.5411
CMYK	0.00, 0.39, 0.08, 0.50
HSL	312°, 24%, 40%
HSV	312°, 39%, 50%
XYZ	14.6944, 11.2510, 18.2341
YIQ	97.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

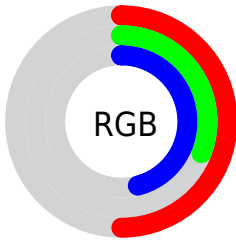
Format	Color
R_{YB}	127, 78, 117
Decimal	8343157
CIE _{Lab}	40.00, 26.97, -13.69
CIE _{LCh}	40, 30.249, 333.095
Yxy	11.2510, 0.3326, 0.2547
Android (android.graphics.Color)	4286533237 (0xFF7F4E75)
YUV	97.0970, 9.8122, 26.2249
Hunter-Lab	33.5425, 19.4988, -8.7511

Details

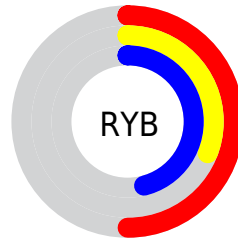
The CIELCh color **40, 30.249, 333.095** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **49, 30.135, 147.682**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 30.332, 333.380**, and **20, 30.715, 333.107** is the 20% darker color. If you saturate the color by 10%, you get **37, 37.602, 333.781**, and if you desaturate by 10%, it is **43, 22.514, 332.431**.

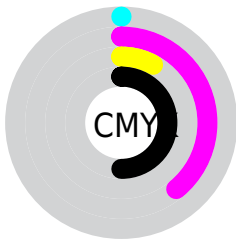
Distribution



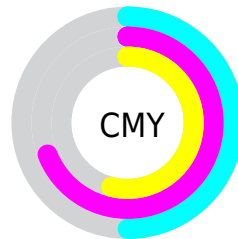
- Red (50%)
- Green (31%)
- Blue (46%)



- Red (50%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (39%)
- Yellow (8%)
- Black (50%)





- Cyan (50%)
- Magenta (69%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 30.249, 333.095 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, 30.249, 333.095 by changing the saturation by 10% instead.


 40, 30.249,
333.095


 40, 30.249,
333.095


 100, 30.249,
333.095


 30, 30.249,
333.095

 60, 30.249,
333.095


 20, 30.249,
333.095


 70, 30.249,
333.095


 10, 30.249,
333.095

 80, 30.249,
333.095

 0, 30.249, 333.095

 90, 30.249,
333.095

 40, 30.249,

 40, 30.249,

333.095

333.095

37, 37.602,
333.781

43, 22.514,
332.431

34, 44.301,
334.493

47, 14.618,
331.786

32, 50.021,
335.241

50, 6.712, 331.151

30, 54.438,
336.042

54, 1.100, 150.793

57, 8.753, 150.048

29, 57.306,
336.923

61, 16.212,
149.495

28, 58.911,
337.885

65, 23.458,
148.975

28, 59.136,
338.021

69, 30.487,
148.484

72, 37.303,

Harmonies

Complementary

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



40, 30.249, 333.095



49, 30.135, 147.682

Rectangle

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



40, 30.249, 333.095



40, 30.249, 23.095



40, 30.249, 153.095



40, 30.249, 203.095

Sweetspot

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



40, 30.247, 333.095



63, 11.705, 331.388



36, 30.710, 301.228



32, 7.829, 331.453



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



40, 30.247, 333.095



49, 44.375, 333.678



39, 22.773, 0.327



25, 4.427, 331.185



28, 59.292, 338.025



0, 0.000, 0.000

Inverse Universe

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



40, 30.247, 333.095



49, 44.375, 333.678



49, 20.384, 172.191



25, 4.427, 331.185



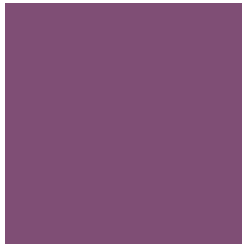
28, 59.292, 338.025



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 40, 30.249, 333.095 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, 30.249, 333.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

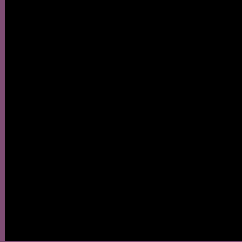
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 30.249, 333.095

Background



This preview shows how black text looks on a background with the CIELCh color 40, 30.249, 333.095.



This preview shows how white text looks on a background with the CIELCh color 40, 30.249, 333.095.

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, 30.249, 333.095

Protanopia

40, 21.424, 285.835

Deuteranopia

40, 12.821, 293.823



Tritanopia
40, 18.407, 9.056

Trichromacy



Original Color
40, 30.249, 333.095

Protanomaly
40, 22.540, 304.799

Deuteranomaly
40, 17.999, 315.615

Tritanomaly
40, 21.665, 350.976

Monochromacy



Original Color
40, 30.249, 333.095

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 11.324, 332.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 30.249, 333.095 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(127, 78, 117)` looks like.

```
.text, #text, p{  
    color:rgb(127, 78, 117)  
}
```

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(127, 78, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 78, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 30.249, 333.095 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(127, 78, 117) }
```

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

```
.border{ border-color:rgb(127, 78, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 78, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 78, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 78, 117);  
box-shadow:4px 4px 4px 4px rgb(127, 78,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 30.249, 333.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 78, 117) }
```

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

```
.background{ background-color: rgb(127, 78,  
117) }
```

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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