

Converting Colors

CIELCh(40, 30.578, 328.105)

Have a look what the booklet for
CIELCh(40, 30.578, 328.105)
contains.

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Color

CIELCh(40, 30.697, 328.250)

Conversions

Conversions Part 1

Format	Color
Hex	7C4F79
RGB	124, 79, 121
RGB Percent	49%, 31%, 47%
CMY	0.5138, 0.6903, 0.5256
CMYK	0.00, 0.36, 0.02, 0.51
HSL	304°, 22%, 40%
HSV	304°, 36%, 49%
XYZ	14.5517, 11.2510, 19.4849
YIQ	97.2430, 13.3380, 22.6020

Conversions

Conversions Part 2

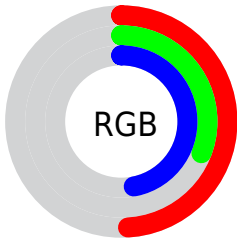
Format	Color
R_{YB}	124, 79, 121
Decimal	8146809
CIE _{Lab}	40.00, 26.10, -16.15
CIE _{LCh}	40, 30.697, 328.250
Yxy	11.2510, 0.3213, 0.2484
Android (android.graphics.Color)	4286336889 (0xFF7C4F79)
YUV	97.2430, 11.7122, 23.4659
Hunter-Lab	33.5425, 18.7394, -10.9620

Details

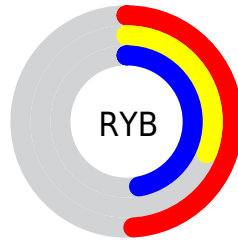
The CIELCh color $40, 30.697, 328.250$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $48, 30.710, 143.702$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 30.457, 328.306$, and $20, 30.293, 328.488$ is the 20% darker color. If you saturate the color by 10%, you get $37, 38.698, 328.775$, and if you desaturate by 10%, it is $43, 22.333, 327.708$.

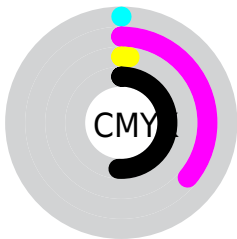
Distribution



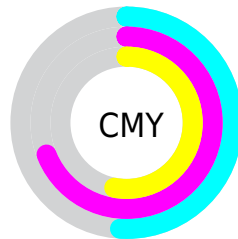
- Red (49%)
- Green (31%)
- Blue (47%)



- Red (49%)
- Yellow (31%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (2%)
- Black (51%)





- Cyan (51%)
- Magenta (69%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 30.697, 328.250 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, 30.697, 328.250 by changing the saturation by 10% instead.


 40, 30.697,
328.250


 40, 30.697,
328.250


 100, 30.697,
328.250


 30, 30.697,
328.250

 60, 30.697,
328.250


 20, 30.697,
328.250


 70, 30.697,
328.250


 10, 30.697,
328.250

 80, 30.697,
328.250

 0, 30.697, 328.250

 90, 30.697,
328.250

 40, 30.697,

 40, 30.697,

328.250

■ 37, 38.698,
328.775

■ 35, 46.074,
329.271

■ 32, 52.513,
329.731

■ 31, 57.700,
330.147

■ 29, 61.391,
330.519

■ 28, 63.646,
330.854

■ 28, 64.409,
330.974

328.250

■ 43, 22.333,
327.708

■ 46, 13.822,
327.156

■ 50, 5.313, 326.589

■ 53, 3.090, 146.152

■ 57, 11.319,
145.587

■ 61, 19.338,
145.079

■ 64, 27.128,
144.597

■ 68, 34.681,
144.140

■ 72, 42.000,
143.709

Harmonies

Complementary

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



40, 30.697, 328.250



48, 30.710, 143.702

Rectangle

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



40, 30.697, 328.250



40, 30.697, 18.250



40, 30.697, 148.250



40, 30.697, 198.250

Sweetspot

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



40, 30.695, 328.250



61, 11.508, 326.875



36, 28.065, 296.720



32, 7.797, 326.936



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



40, 30.695, 328.250



49, 45.554, 328.710



39, 22.213, 351.014



24, 4.711, 326.750



28, 64.771, 330.977



59, 108.736, 331.135

Inverse Universe

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



40, 30.695, 328.250



49, 45.554, 328.710



48, 20.943, 163.971



24, 4.711, 326.750



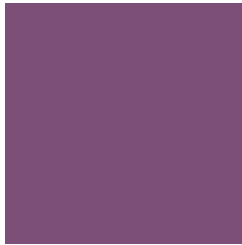
28, 64.771, 330.977



59, 108.736, 331.135

Previews

White Background



This preview shows how the CIELCh color 40, 30.697, 328.250 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, 30.697, 328.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

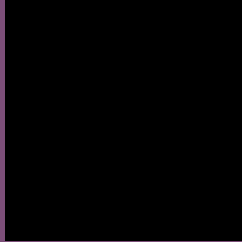
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 30.697, 328.250

Background



This preview shows how black text looks on a background with the CIELCh color 40, 30.697, 328.250.



This preview shows how white text looks on a background with the CIELCh color 40, 30.697, 328.250.

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, 30.697, 328.250

Protanopia

40, 23.883, 285.484

Deuteranopia

40, 15.239, 291.053



Tritanopia
40, 15.668, 8.449

Trichromacy



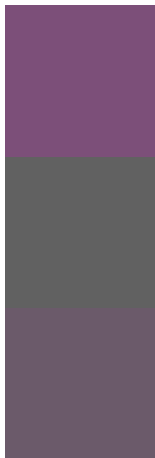
Original Color
40, 30.697, 328.250

Protanomaly
40, 24.799, 302.164

Deuteranomaly
40, 19.987, 310.793

Tritanomaly
40, 19.533, 346.442

Monochromacy



Original Color
40, 30.697, 328.250

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 12.002, 326.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 30.697, 328.250 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(124, 79, 121)` looks like.

```
.text, #text, p{  
    color:rgb(124, 79, 121)  
}
```

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(124, 79, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 79, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 30.697, 328.250 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(124, 79, 121) }
```

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

```
.border{ border-color:rgb(124, 79, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 79, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 79, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 79, 121);  
box-shadow:4px 4px 4px 4px rgb(124, 79,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 30.697, 328.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 79, 121) }
```

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

```
.background{ background-color: rgb(124, 79,  
121) }
```

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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