

Converting Colors

CIELCh(40, 30.529, 335.047)

Have a look what the booklet for
CIELCh(40, 30.529, 335.047)
contains.

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Color

CIELCh(40, 30.977, 335.041)

Conversions

Conversions Part 1

Format	Color
Hex	814D74
RGB	129, 77, 116
RGB Percent	51%, 30%, 45%
CMY	0.4939, 0.6978, 0.5448
CMYK	0.00, 0.40, 0.10, 0.49
HSL	315°, 25%, 40%
HSV	315°, 40%, 51%
XYZ	14.8774, 11.2510, 17.9298
YIQ	96.9940, 18.4730, 23.1530

Conversions

Conversions Part 2

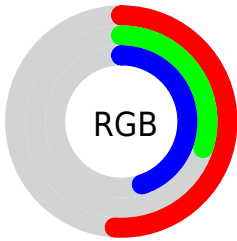
Format	Color
R_{YB}	129, 77, 116
Decimal	8473972
CIE _{Lab}	40.00, 28.08, -13.07
CIE _{LCh}	40, 30.977, 335.041
Yxy	11.2510, 0.3377, 0.2554
Android (android.graphics.Color)	4286664052 (0xFF814D74)
YUV	96.9940, 9.3700, 28.0693
Hunter-Lab	33.5425, 20.4725, -8.2132

Details

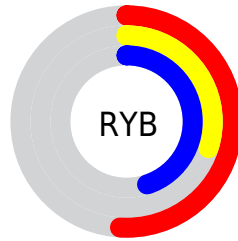
The CIELCh color $40, 30.977, 335.041$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 30.773, 149.085$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 31.072, 335.126$, and $20, 31.100, 334.621$ is the 20% darker color. If you saturate the color by 10%, you get $37, 38.123, 335.807$, and if you desaturate by 10%, it is $43, 23.418, 334.316$.

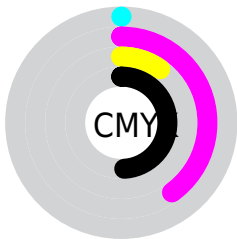
Distribution



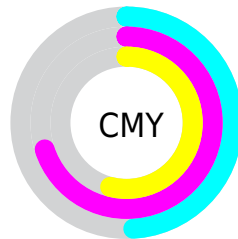
- Red (51%)
- Green (30%)
- Blue (45%)



- Red (51%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (49%)





- Cyan (49%)
- Magenta (70%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 30.977, 335.041 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, 30.977, 335.041 by changing the saturation by 10% instead.


 40, 30.977,
335.041


 40, 30.977,
335.041


 100, 30.977,
335.041


 30, 30.977,
335.041

 60, 30.977,
335.041


 20, 30.977,
335.041


 70, 30.977,
335.041


 10, 30.977,
335.041

 80, 30.977,
335.041

 0, 30.977, 335.041

 90, 30.977,
335.041

 40, 30.977,

 40, 30.977,

335.041

37, 38.123,
335.807

34, 44.571,
336.625

32, 49.989,
337.516

30, 54.051,
338.511

29, 56.527,
339.651

28, 57.901,
340.868

335.041

43, 23.418,
334.316

47, 15.675,
333.624

50, 7.908, 332.955

54, 0.227, 331.329

58, 7.302, 151.799

61, 14.639,
151.219

65, 21.767,
150.680

69, 28.681,
150.171

73, 35.384,

Harmonies

Complementary

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



40, 30.977, 335.041



50, 30.773, 149.085

Rectangle

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



40, 30.977, 335.041



40, 30.977, 25.041



40, 30.977, 155.041



40, 30.977, 205.041

Sweetspot

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



40, 30.975, 335.041



64, 11.471, 333.087



36, 32.688, 302.992



32, 7.578, 333.155



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, 30.975, 335.041



49, 45.300, 335.715



39, 23.809, 4.249



25, 4.285, 332.874



28, 57.405, 340.849



0, 0.000, 0.000

Inverse Universe

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



40, 30.975, 335.041



49, 45.300, 335.715



50, 20.707, 175.634



25, 4.285, 332.874



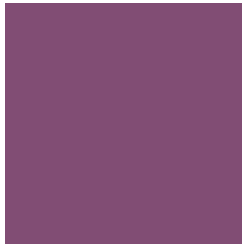
28, 57.405, 340.849



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 40, 30.977, 335.041 looks on a white background.

Color Contrast Check

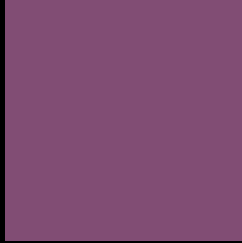
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.977, 335.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

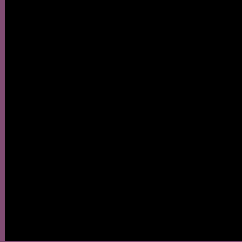
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 30.977, 335.041

Background



This preview shows how black text looks on a background with the CIELCh color 40, 30.977, 335.041.



This preview shows how white text looks on a background with the CIELCh color 40, 30.977, 335.041.

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, 30.977, 335.041

Protanopia

40, 21.424, 285.835

Deuteranopia

40, 12.236, 295.639



Tritanopia
40, 19.235, 11.600

Trichromacy



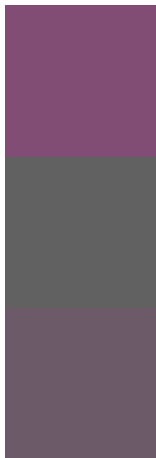
Original Color
40, 30.977, 335.041

Protanomaly
40, 23.318, 306.378

Deuteranomaly
40, 18.340, 317.971

Tritanomaly
40, 22.144, 353.715

Monochromacy



Original Color
40, 30.977, 335.041

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 11.598, 333.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 30.977, 335.041 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(129, 77, 116)` looks like.

```
.text, #text, p{  
    color:rgb(129, 77, 116)  
}
```

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(129, 77, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 77, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 30.977, 335.041 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(129, 77, 116) }
```

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

```
.border{ border-color:rgb(129, 77, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 77, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 77, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 77, 116);  
box-shadow:4px 4px 4px 4px rgb(129, 77,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 30.977, 335.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 77, 116) }
```

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

```
.background{ background-color: rgb(129, 77,  
116) }
```

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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