

Converting Colors

CIELCh(40, 26.530, 331.205)

Have a look what the booklet for
CIELCh(40, 26.530, 331.205)
contains.

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Color

CIELCh(40, 26.173, 331.533)

Conversions

Conversions Part 1

Format	Color
Hex	7A5173
RGB	122, 81, 115
RGB Percent	48%, 32%, 45%
CMY	0.5217, 0.6825, 0.5492
CMYK	0.00, 0.34, 0.06, 0.52
HSL	310°, 20%, 40%
HSV	310°, 34%, 48%
XYZ	14.0525, 11.2510, 17.6390
YIQ	97.1350, 13.5220, 19.2660

Conversions

Conversions Part 2

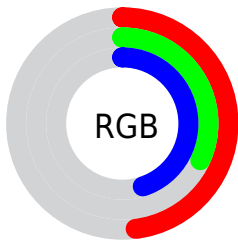
Format	Color
R_{YB}	122, 81, 115
Decimal	8016243
CIE _{Lab}	40.00, 23.01, -12.48
CIE _{LCh}	40, 26.173, 331.533
Yxy	11.2510, 0.3272, 0.2620
Android (android.graphics.Color)	4286206323 (0xFF7A5173)
YUV	97.1350, 8.8074, 21.8066
Hunter-Lab	33.5425, 16.0824, -7.6991

Details

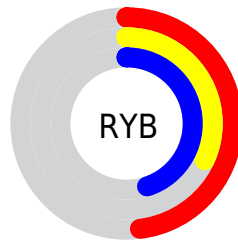
The CIELCh color $40, 26.173, 331.533$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $47, 26.097, 147.080$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 26.148, 331.447$, and $20, 26.116, 331.147$ is the 20% darker color. If you saturate the color by 10%, you get $37, 33.662, 332.165$, and if you desaturate by 10%, it is $43, 18.419, 330.912$.

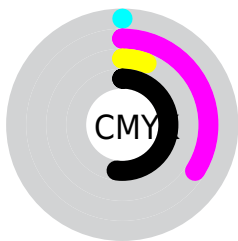
Distribution



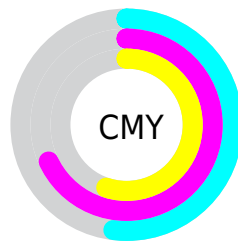
- Red (48%)
- Green (32%)
- Blue (45%)



- Red (48%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (6%)
- Black (52%)





- Cyan (52%)
- Magenta (68%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 26.173, 331.533 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, 26.173, 331.533 by changing the saturation by 10% instead.


 40, 26.173,
331.533


 40, 26.173,
331.533


 100, 26.173,
331.533


 30, 26.173,
331.533

 60, 26.173,
331.533


 20, 26.173,
331.533

 70, 26.173,
331.533

 10, 26.173,
331.533

 80, 26.173,
331.533

 0, 26.173, 331.533

 90, 26.173,
331.533

 40, 26.173,

 40, 26.173,

331.533

37, 33.662,
332.165

34, 40.651,
332.806

32, 46.848,
333.460

30, 51.935,
334.132

28, 55.628,
334.837

27, 57.791,
335.596

27, 58.879,
336.086

331.533

43, 18.419,
330.912

47, 10.585,
330.301

50, 2.794, 329.661


53, 4.873, 149.214

57, 12.366,
148.646

61, 19.657,
148.123

64, 26.737,
147.627

68, 33.603,
147.159

 72, 40.262,
146.716

Harmonies

Complementary

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



40, 26.173, 331.533



47, 26.097, 147.080

Rectangle

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



40, 26.173, 331.533



40, 26.173, 21.533



40, 26.173, 151.533



40, 26.173, 201.533

Sweetspot

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



40, 26.171, 331.533



61, 9.597, 330.095



37, 25.600, 299.607



31, 6.516, 330.164



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



40, 26.171, 331.533



49, 38.296, 331.997



39, 19.339, 357.250



24, 4.381, 330.023



28, 59.893, 336.109



57, 100.143, 336.617

Inverse Universe

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



40, 26.171, 331.533



49, 38.296, 331.997



48, 17.782, 170.483



24, 4.381, 330.023



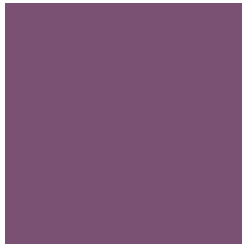
28, 59.893, 336.109



57, 100.143, 336.617

Previews

White Background



This preview shows how the CIELCh color 40, 26.173, 331.533 looks on a white background.

Color Contrast Check

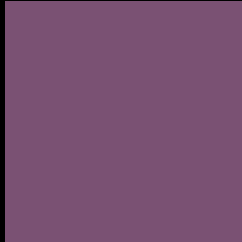
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.173, 331.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

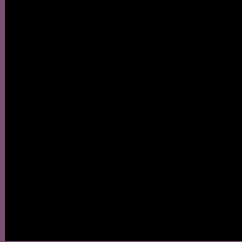
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 26.173, 331.533

Background



This preview shows how black text looks on a background with the CIELCh color 40, 26.173, 331.533.



This preview shows how white text looks on a background with the CIELCh color 40, 26.173, 331.533.

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, 26.173, 331.533

Protanopia
40, 18.993, 285.417

Deuteranopia
40, 12.900, 297.271



Tritanopia
40, 15.330, 5.761

Trichromacy



Original Color
40, 26.173, 331.533

Protanomaly
40, 19.993, 303.899

Deuteranomaly
40, 17.300, 315.172

Tritanomaly
40, 17.933, 349.564

Monochromacy



Original Color
40, 26.173, 331.533

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 10.067, 329.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 26.173, 331.533 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(122, 81, 115)` looks like.

```
.text, #text, p{  
    color:rgb(122, 81, 115)  
}
```

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(122, 81, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 81, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 26.173, 331.533 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(122, 81, 115) }
```

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

```
.border{ border-color:rgb(122, 81, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 81, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 81, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 81, 115); box-shadow:4px 4px 4px 4px rgb(122, 81, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 26.173, 331.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 81, 115) }
```

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

```
.background{ background-color: rgb(122, 81,  
115) }
```

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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