

Converting Colors

CIELCh(40, 23.039, 348.526)

Have a look what the booklet for
CIELCh(40, 23.039, 348.526)
contains.

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Color

CIELCh(40, 22.548, 348.899)

Conversions

Conversions Part 1

Format	Color
Hex	7E5166
RGB	126, 81, 102
RGB Percent	49%, 32%, 40%
CMY	0.5064, 0.6828, 0.6005
CMYK	0.00, 0.36, 0.19, 0.51
HSL	332°, 22%, 41%
HSV	332°, 36%, 49%
XYZ	13.9122, 11.2510, 13.9783
YIQ	96.8490, 20.0790, 16.0710

Conversions

Conversions Part 2

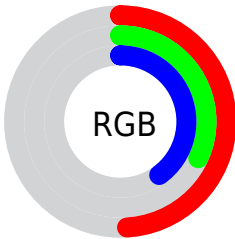
Format	Color
R _Y B	126, 81, 102
Decimal	8278374
CIE Lab	40.00, 22.13, -4.34
CIE LCh	40, 22.548, 348.899
Yxy	11.2510, 0.3554, 0.2874
Android (android.graphics.Color)	4286468454 (0xFF7E5166)
YUV	96.8490, 2.5394, 25.5654
Hunter-Lab	33.5425, 15.3362, -1.2285

Details

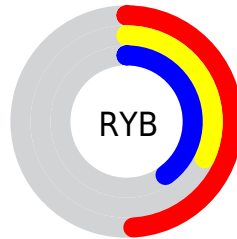
The CIELCh color $40, 22.548, 348.899$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $49, 21.459, 162.157$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 22.700, 349.090$, and $20, 22.525, 349.559$ is the 20% darker color. If you saturate the color by 10%, you get $37, 28.785, 350.184$, and if you desaturate by 10%, it is $43, 16.164, 347.786$.

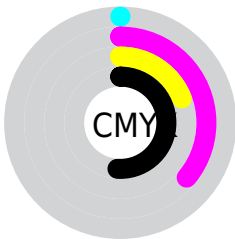
Distribution



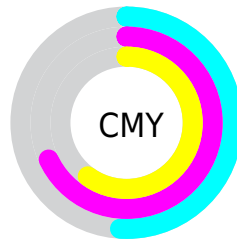
- Red (49%)
- Green (32%)
- Blue (40%)



- Red (49%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 22.548, 348.899 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, 22.548, 348.899 by changing the saturation by 10% instead.


 40, 22.548,
348.899


 40, 22.548,
348.899

 100, 22.548,
348.899


 30, 22.548,
348.899

 60, 22.548,
348.899


 20, 22.548,
348.899

 70, 22.548,
348.899

 10, 22.548,
348.899

 80, 22.548,
348.899

 0, 22.548, 348.899

 90, 22.548,
348.899

 40, 22.548,

 40, 22.548,

348.899

348.899

■ 37, 28.785,
350.184

■ 43, 16.164,
347.786

■ 34, 34.665,
351.696

■ 47, 9.792, 346.796

■ 31, 39.912,
353.521

■ 51, 3.527, 345.867

■ 54, 2.571, 165.275

■ 29, 44.223,
355.772

■ 58, 8.474, 164.472

■ 28, 47.347,
358.590

■ 62, 14.170,
163.795

■ 26, 49.304, 2.058

■ 66, 19.661,
163.177

■ 26, 50.121, 3.554

■ 70, 24.956,
162.606

■ 73, 30.064,
162.076

Harmonies

Complementary

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



40, 22.548, 348.899



49, 21.459, 162.157

Rectangle

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



40, 22.548, 348.899



40, 22.548, 38.899



40, 22.548, 168.899



40, 22.548, 218.899

Sweetspot

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



40, 22.546, 348.901



62, 8.418, 346.380



38, 29.017, 311.304



31, 5.635, 346.479



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, 22.546, 348.901



48, 33.498, 349.947



40, 20.119, 23.651



25, 3.515, 346.183



26, 50.582, 3.617



0, 0.000, 0.000

Inverse Universe

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



40, 22.546, 348.901



48, 33.498, 349.947



49, 15.817, 199.379



25, 3.515, 346.183



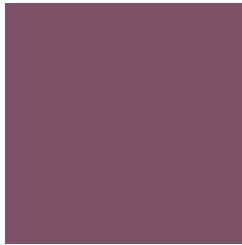
26, 50.582, 3.617



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 40, 22.548, 348.899 looks on a white background.

Color Contrast Check

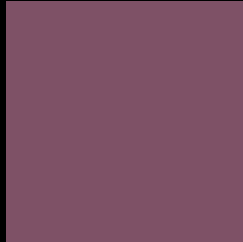
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.548, 348.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

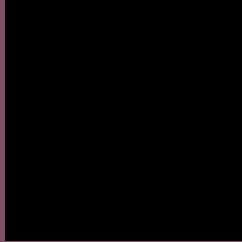
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 22.548, 348.899

Background



This preview shows how black text looks on a background with the CIELCh color 40, 22.548, 348.899.



This preview shows how white text looks on a background with the CIELCh color 40, 22.548, 348.899.

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, 22.548, 348.899

Protanopia
40, 9.765, 287.080

Deuteranopia
40, 6.170, 328.067



Tritanopia
40, 18.795, 11.265

Trichromacy



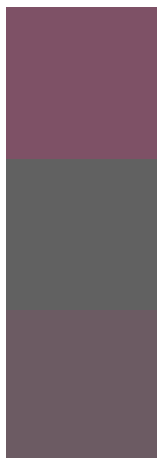
Original Color
40, 22.548, 348.899

Protanomaly
40, 12.608, 320.509

Deuteranomaly
40, 12.129, 340.540

Tritanomaly
40, 19.816, 1.202

Monochromacy



Original Color
40, 22.548, 348.899

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 8.654, 346.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 22.548, 348.899 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(126, 81, 102)` looks like.

```
.text, #text, p{  
    color:rgb(126, 81, 102)  
}
```

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(126, 81, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 81, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 22.548, 348.899 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(126, 81, 102) }
```

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

```
.border{ border-color:rgb(126, 81, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 81, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 81, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 81, 102);  
box-shadow:4px 4px 4px 4px rgb(126, 81,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 22.548, 348.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 81, 102) }
```

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

```
.background{ background-color: rgb(126, 81,  
102) }
```

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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