

Converting Colors

CIELCh(40, 31.667, 358.232)

Have a look what the booklet for
CIELCh(40, 31.667, 358.232)
contains.

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Color

CIELCh(40, 31.667, 358.232)

Conversions

Conversions Part 1

Format	Color
Hex	8D4961
RGB	141, 73, 97
RGB Percent	55%, 29%, 38%
CMY	0.4478, 0.7143, 0.6202
CMYK	0.00, 0.48, 0.31, 0.45
HSL	339°, 32%, 42%
HSV	339°, 48%, 55%
XYZ	15.4762, 11.2510, 12.6261
YIQ	96.0680, 32.8240, 21.8800

Conversions

Conversions Part 2

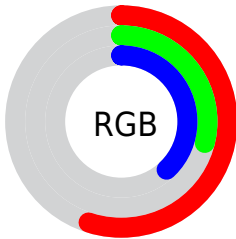
Format	Color
R_{YB}	141, 73, 97
Decimal	9259361
CIE Lab	40.00, 31.65, -0.98
CIE LCh	40, 31.667, 358.232
Yxy	11.2510, 0.3933, 0.2859
Android (android.graphics.Color)	4287449441 (0xFF8D4961)
YUV	96.0680, 0.4595, 39.4054
Hunter-Lab	33.5425, 23.6592, 1.1618

Details

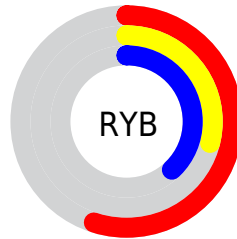
The CIELCh color $40, 31.667, 358.232$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $54, 28.304, 167.361$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 31.813, 357.342$, and $20, 31.470, 358.023$ is the 20% darker color. If you saturate the color by 10%, you get $37, 37.911, 0.194$, and if you desaturate by 10%, it is $43, 25.071, 356.624$.

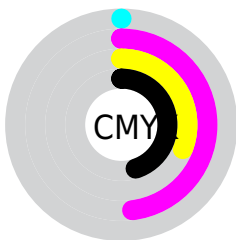
Distribution



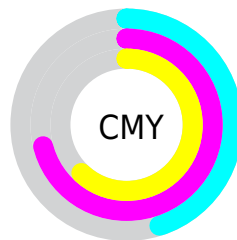
- Red (55%)
- Green (29%)
- Blue (38%)



- Red (55%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (48%)
- Yellow (31%)
- Black (45%)





- Cyan (45%)
- Magenta (71%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 31.667, 358.232 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, 31.667, 358.232 by changing the saturation by 10% instead.


 40, 31.667,
358.232


 40, 31.667,
358.232


 100, 31.667,
358.232


 30, 31.667,
358.232

 60, 31.667,
358.232


 20, 31.667,
358.232

 70, 31.667,
358.232


 10, 31.667,
358.232

 80, 31.667,
358.232

 0, 31.667, 358.232

 90, 31.667,
358.232

 40, 31.667,

 40, 31.667,

358.232

358.232

37, 37.911, 0.194

43, 25.071,
356.624

34, 43.517, 2.628

47, 18.363,
355.272

32, 48.191, 5.690

30, 51.743, 9.541

51, 11.710,
354.108

29, 54.437, 14.091

55, 5.215, 353.068

29, 54.933, 14.858

59, 1.063, 172.583

63, 7.096, 171.507

68, 12.880,
170.769

72, 18.421,
170.110

76, 23.732,

Harmonies

Complementary

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



40, 31.667, 358.232



54, 28.304, 167.361

Rectangle

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



40, 31.667, 358.232



40, 31.667, 48.232



40, 31.667, 178.232



40, 31.667, 228.232

Sweetspot

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



40, 31.665, 358.234



68, 11.070, 353.686



38, 43.911, 315.614



34, 7.639, 353.887



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



40, 31.665, 358.234



48, 46.786, 0.408



41, 28.419, 34.043



28, 3.605, 353.161



28, 53.281, 14.629



0, 2.397, 352.389

Inverse Universe

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



40, 31.665, 358.234



48, 46.786, 0.408



52, 19.858, 213.139



28, 3.605, 353.161



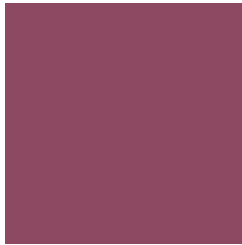
28, 53.281, 14.629



0, 2.397, 352.389

Previews

White Background



This preview shows how the CIELCh color 40, 31.667, 358.232 looks on a white background.

Color Contrast Check

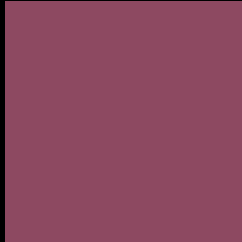
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.667, 358.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

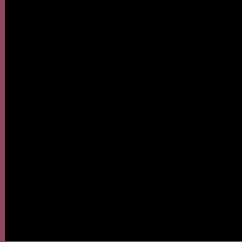
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 31.667, 358.232

Background



This preview shows how black text looks on a background with the CIELCh color 40, 31.667, 358.232.

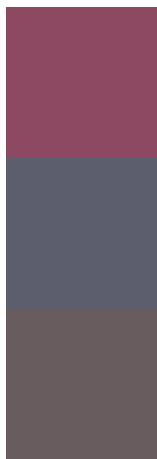


This preview shows how white text looks on a background with the CIELCh color 40, 31.667, 358.232.

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, 31.667, 358.232

Protanopia

40, 9.765, 287.080

Deuteranopia

40, 5.261, 6.767



Tritanopia
40, 28.515, 18.089

Trichromacy



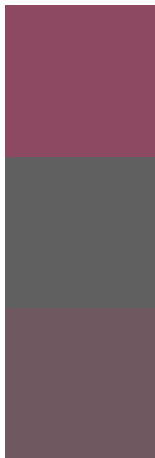
Original Color
40, 31.667, 358.232

Protanomaly
40, 15.225, 332.127

Deuteranomaly
40, 14.962, 357.864

Tritanomaly
40, 29.286, 10.318

Monochromacy



Original Color
40, 31.667, 358.232

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 11.316, 355.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 31.667, 358.232 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(141, 73, 97)` looks like.

```
.text, #text, p{  
    color:rgb(141, 73, 97)  
}
```

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(141, 73, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 73, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 31.667, 358.232 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(141, 73, 97) }
```

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

```
.border{ border-color:rgb(141, 73, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 73, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 73, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 73, 97);  
box-shadow:4px 4px 4px 4px rgb(141, 73,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 31.667, 358.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 73, 97) }
```

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

```
.background{ background-color: rgb(141, 73,  
97) }
```

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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