

Converting Colors

CIELCh(40, 39.464, 359.301)

Have a look what the booklet for
CIELCh(40, 39.464, 359.301)
contains.

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Color

CIELCh(40, 39.360, 359.443)

Conversions

Conversions Part 1

Format	Color
Hex	974160
RGB	151, 65, 96
RGB Percent	59%, 25%, 38%
CMY	0.4070, 0.7443, 0.6228
CMYK	0.00, 0.57, 0.36, 0.41
HSL	338°, 40%, 42%
HSV	338°, 57%, 59%
XYZ	16.8240, 11.2510, 12.3966
YIQ	94.2480, 41.3050, 27.8730

Conversions

Conversions Part 2

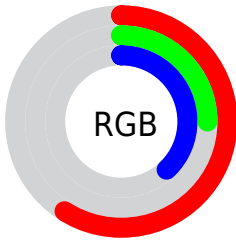
Format	Color
R_{YB}	151, 65, 96
Decimal	9912672
CIE _{Lab}	40.00, 39.36, -0.38
CIE _{LCh}	40, 39.360, 359.443
Yxy	11.2510, 0.4157, 0.2780
Android (android.graphics.Color)	4288102752 (0xFF974160)
YUV	94.2480, 0.8637, 49.7715
Hunter-Lab	33.5425, 30.8315, 1.5673

Details

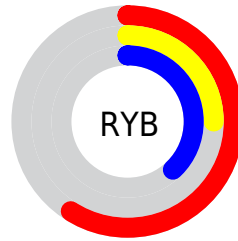
The CIELCh color $[40, 39.360, 359.443]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[57, 34.738, 165.661]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[60, 39.532, 359.670]$, and $[20, 39.556, 359.593]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 45.366, 1.813]$, and if you desaturate by 10%, it is $[43, 32.688, 357.535]$.

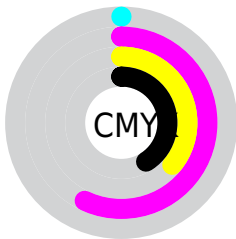
Distribution



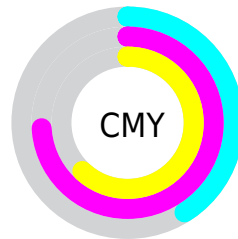
- Red (59%)
- Green (25%)
- Blue (38%)



- Red (59%)
- Yellow (25%)
- Blue (38%)



- Cyan (0%)
- Magenta (57%)
- Yellow (36%)
- Black (41%)




- Cyan (41%)
- Magenta (74%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 39.360, 359.443 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, 39.360, 359.443 by changing the saturation by 10% instead.


 40, 39.360,
359.443


 40, 39.360,
359.443


 100, 39.360,
359.443


 30, 39.360,
359.443

 60, 39.360,
359.443


 20, 39.360,
359.443

 70, 39.360,
359.443

 10, 39.360,
359.443

 80, 39.360,
359.443

 0, 39.360, 359.443

 90, 39.360,
359.443

 40, 39.360,

 40, 39.360,

359.443

359.443

37, 45.366, 1.813

43, 32.688,
357.535

35, 50.392, 4.793

47, 25.669,
355.962

33, 54.213, 8.551

32, 56.946, 13.124

51, 18.545,
354.637

32, 57.812, 14.555

55, 11.488,
353.493

60, 4.607, 352.457

64, 2.041, 171.844

68, 8.429, 170.923

73, 14.552,
170.196

77, 20.420,

Harmonies

Complementary

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



40, 39.360, 359.443



57, 34.738, 165.661

Rectangle

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



40, 39.360, 359.443



40, 39.360, 49.443



40, 39.360, 179.443



40, 39.360, 229.443

Sweetspot

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



40, 39.358, 359.445



70, 14.323, 353.542



38, 54.613, 315.930



36, 9.682, 353.740



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



40, 39.358, 359.445



48, 56.665, 2.486



42, 36.659, 35.000



30, 3.835, 352.699



29, 54.662, 14.156



1, 4.067, 352.310

Inverse Universe

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



40, 39.358, 359.445



48, 56.665, 2.486



54, 23.606, 213.799



30, 3.835, 352.699



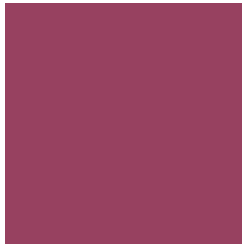
29, 54.662, 14.156



1, 4.067, 352.310

Previews

White Background



This preview shows how the CIELCh color 40, 39.360, 359.443 looks on a white background.

Color Contrast Check

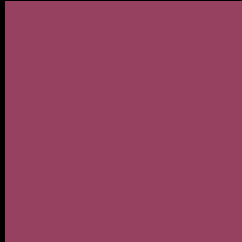
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.360, 359.443 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, 39.360, 359.443

Background



This preview shows how black text looks on a background with the CIELCh color 40, 39.360, 359.443.



This preview shows how white text looks on a background with the CIELCh color 40, 39.360, 359.443.

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, 39.360, 359.443

Protanopia

40, 12.211, 286.635

Deuteranopia

40, 5.590, 20.106



Tritanopia
40, 36.165, 21.849

Trichromacy



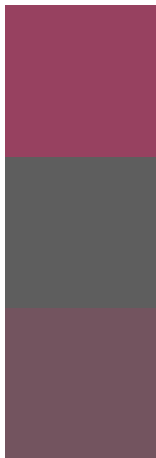
Original Color
40, 39.360, 359.443

Protanomaly
39, 18.782, 331.084

Deuteranomaly
40, 18.608, 359.468

Tritanomaly
40, 36.802, 13.215

Monochromacy



Original Color
40, 39.360, 359.443

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 14.810, 354.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 39.360, 359.443 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(151, 65, 96)` looks like.

```
.text, #text, p{  
    color:rgb(151, 65, 96)  
}
```

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(151, 65, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 65, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 39.360, 359.443 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(151, 65, 96) }
```

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

```
.border{ border-color:rgb(151, 65, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 65, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 65, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 65, 96);  
box-shadow:4px 4px 4px 4px rgb(151, 65,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 39.360, 359.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 65, 96) }
```

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

```
.background{ background-color: rgb(151, 65,  
96) }
```

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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