

Converting Colors

CIELCh(40, 39.902, 339.551)

Have a look what the booklet for
CIELCh(40, 39.902, 339.551)
contains.

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Color

CIELCh(40, 39.902, 339.551)

Conversions

Conversions Part 1

Format	Color
Hex	8E4576
RGB	142, 69, 118
RGB Percent	56%, 27%, 46%
CMY	0.4443, 0.7304, 0.5383
CMYK	0.00, 0.51, 0.17, 0.44
HSL	320°, 35%, 41%
HSV	320°, 51%, 56%
XYZ	16.4722, 11.2510, 18.3598
YIQ	96.4130, 27.7790, 30.7150

Conversions

Conversions Part 2

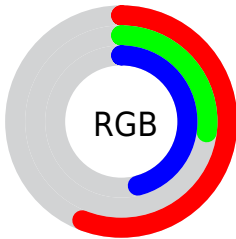
Format	Color
R _Y B	142, 69, 118
Decimal	9323894
CIE _{Lab}	40.00, 37.39, -13.94
CIE _{LCh}	40, 39.902, 339.551
Yxy	11.2510, 0.3574, 0.2441
Android (android.graphics.Color)	4287513974 (0xFF8E4576)
YUV	96.4130, 10.6424, 39.9798
Hunter-Lab	33.5425, 28.9593, -8.9732

Details

The CIELCh color $40, 39.902, 339.551$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $53, 39.424, 150.663$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 39.676, 339.531$, and $20, 40.025, 339.013$ is the 20% darker color. If you saturate the color by 10%, you get $37, 46.405, 340.597$, and if you desaturate by 10%, it is $43, 32.625, 338.616$.

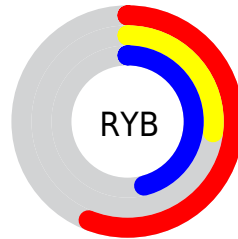
Distribution



Red (56%)

Green (27%)

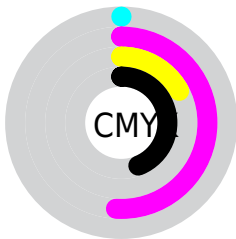
Blue (46%)



Red (56%)

Yellow (27%)

Blue (46%)

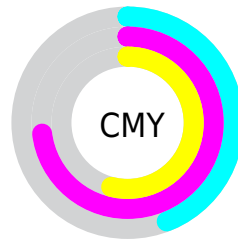


Cyan (0%)

Magenta (51%)

Yellow (17%)

Black (44%)



Cyan (44%)


Magenta (73%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 39.902, 339.551 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, 39.902, 339.551 by changing the saturation by 10% instead.


 40, 39.902,
339.551


 40, 39.902,
339.551


 100, 39.902,
339.551


 30, 39.902,
339.551

 60, 39.902,
339.551


 20, 39.902,
339.551

 70, 39.902,
339.551

 10, 39.902,
339.551

 80, 39.902,
339.551

 0, 39.902, 339.551

 90, 39.902,
339.551

 40, 39.902,

 40, 39.902,

339.551

37, 46.405,
340.597

35, 51.774,
341.793

33, 55.661,
343.201

32, 57.841,
344.897

31, 58.814,
346.518

339.551

43, 32.625,
338.616

47, 24.901,
337.762

50, 16.975,
336.970

54, 9.024, 336.223

58, 1.166, 335.336

62, 6.527, 154.964

66, 14.015,
154.337

71, 21.281,
153.761

75, 28.321,

Harmonies

Complementary

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



40, 39.902, 339.551



53, 39.424, 150.663

Rectangle

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



40, 39.902, 339.551



40, 39.902, 29.551



40, 39.902, 159.551



40, 39.902, 209.551

Sweetspot

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



40, 39.900, 339.552



67, 14.587, 336.505



35, 45.988, 306.084



34, 9.928, 336.642



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, 39.900, 339.552



48, 57.435, 340.800



39, 32.986, 11.470



28, 4.453, 336.053



29, 56.871, 346.411



1, 2.985, 335.463

Inverse Universe

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



40, 39.900, 339.552



48, 57.435, 340.800



54, 26.235, 179.679



28, 4.453, 336.053



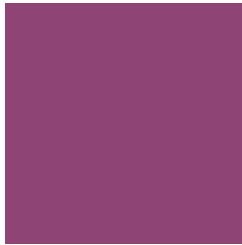
29, 56.871, 346.411



1, 2.985, 335.463

Previews

White Background



This preview shows how the CIELCh color 40, 39.902, 339.551 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, 39.902, 339.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

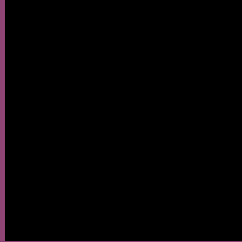
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 39.902, 339.551

Background



This preview shows how black text looks on a background with the CIELCh color 40, 39.902, 339.551.



This preview shows how white text looks on a background with the CIELCh color 40, 39.902, 339.551.

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, 39.902, 339.551

Protanopia

40, 26.335, 285.336

Deuteranopia

40, 12.843, 295.540



Tritanopia
40, 27.561, 17.682

Trichromacy



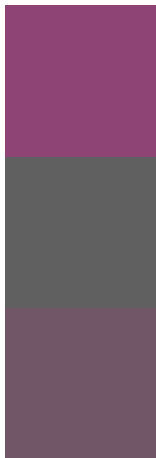
Original Color
40, 39.902, 339.551

Protanomaly
39, 28.510, 308.165

Deuteranomaly
40, 21.931, 323.044

Tritanomaly
40, 30.064, 0.086

Monochromacy



Original Color
40, 39.902, 339.551

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 15.632, 337.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 39.902, 339.551 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(142, 69, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 69, 118)  
}
```

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(142, 69, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 69, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 39.902, 339.551 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(142, 69, 118) }
```

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

```
.border{ border-color:rgb(142, 69, 118) }
```

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

Here you see how a box with a 4 pixel rgb(142, 69, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 69, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 69, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 69,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 39.902, 339.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 69, 118) }
```

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

```
.background{ background-color: rgb(142, 69,  
118) }
```

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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