

Converting Colors

CIELCh(40, 33.114, 355.162)

Have a look what the booklet for
CIELCh(40, 33.114, 355.162)
contains.

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Color

CIELCh(40, 33.114, 355.162)

Conversions

Conversions Part 1

Format	Color
Hex	8E4864
RGB	142, 72, 100
RGB Percent	56%, 28%, 39%
CMY	0.4441, 0.7185, 0.6087
CMYK	0.00, 0.49, 0.30, 0.44
HSL	336°, 33%, 42%
HSV	336°, 49%, 56%
XYZ	15.7059, 11.2510, 13.3445
YIQ	96.1220, 32.7320, 23.5480

Conversions

Conversions Part 2

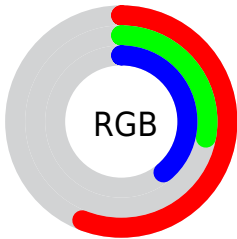
Format	Color
R_{YB}	142, 72, 100
Decimal	9324644
CIE Lab	40.00, 33.00, -2.79
CIE LCh	40, 33.114, 355.162
Yxy	11.2510, 0.3897, 0.2792
Android (android.graphics.Color)	4287514724 (0xFF8E4864)
YUV	96.1220, 1.9119, 40.2350
Hunter-Lab	33.5425, 24.8815, -0.1081

Details

The CIELCh color $40, 33.114, 355.162$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $54, 30.209, 164.251$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 33.051, 355.334$, and $20, 33.049, 355.565$ is the 20% darker color. If you saturate the color by 10%, you get $37, 39.309, 357.030$, and if you desaturate by 10%, it is $43, 26.471, 353.621$.

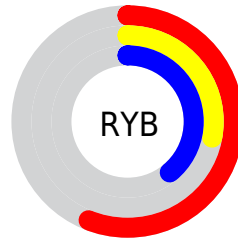
Distribution



Red (56%)

Green (28%)

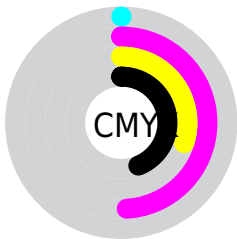
Blue (39%)



Red (56%)

Yellow (28%)

Blue (39%)

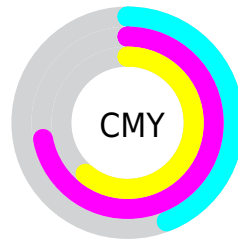


Cyan (0%)

Magenta (49%)

Yellow (30%)

Black (44%)



Cyan (44%)


Magenta (72%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 33.114, 355.162 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, 33.114, 355.162 by changing the saturation by 10% instead.


 40, 33.114,
355.162


 40, 33.114,
355.162


 100, 33.114,
355.162


 30, 33.114,
355.162

 60, 33.114,
355.162


 20, 33.114,
355.162

 70, 33.114,
355.162


 10, 33.114,
355.162

 80, 33.114,
355.162

 0, 33.114, 355.162

 90, 33.114,
355.162

 40, 33.114,

 40, 33.114,

355.162

355.162

37, 39.309,
357.030

43, 26.471,
353.621

34, 44.752,
359.338

47, 19.644,
352.316

32, 49.132, 2.236

51, 12.816,
351.187

31, 52.259, 5.890

55, 6.110, 350.175

30, 54.517, 10.170

59, 0.404, 170.205

29, 54.672, 10.437

63, 6.691, 168.622

68, 12.737,
167.884

72, 18.545,
167.223

76, 24.125,

Harmonies

Complementary

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



40, 33.114, 355.162



54, 30.209, 164.251

Rectangle

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



40, 33.114, 355.162



40, 33.114, 45.162



40, 33.114, 175.162



40, 33.114, 225.162

Sweetspot

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



40, 33.112, 355.164



67, 12.196, 350.767



38, 44.884, 314.093



34, 8.312, 350.956



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, 33.112, 355.164



48, 48.168, 357.212



41, 30.439, 30.333



28, 3.706, 350.157



28, 52.792, 10.187



1, 2.468, 349.403

Inverse Universe

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



40, 33.112, 355.164



48, 48.168, 357.212



53, 21.118, 206.722



28, 3.706, 350.157



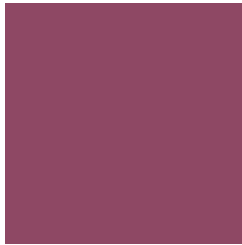
28, 52.792, 10.187



1, 2.468, 349.403

Previews

White Background



This preview shows how the CIE LCh color 40, 33.114, 355.162 looks on a white background.

Color Contrast Check

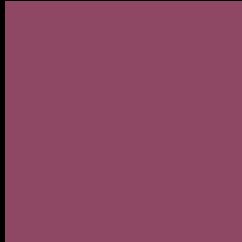
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.114, 355.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

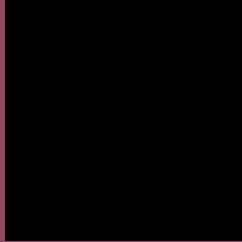
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 33.114, 355.162

Background



This preview shows how black text looks on a background with the CIELCh color 40, 33.114, 355.162.



This preview shows how white text looks on a background with the CIELCh color 40, 33.114, 355.162.

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, 33.114, 355.162

Protanopia

40, 12.211, 286.635

Deuteranopia

40, 5.257, 352.585



Tritanopia
40, 29.403, 17.328

Trichromacy



Original Color
40, 33.114, 355.162

Protanomaly
40, 16.866, 325.522

Deuteranomaly
40, 15.399, 353.640

Tritanomaly
40, 30.234, 8.692

Monochromacy



Original Color
40, 33.114, 355.162

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 12.589, 352.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 33.114, 355.162 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, 72, 100)` looks like.

```
.text, #text, p{  
    color:rgb(142, 72, 100)  
}
```

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, 72, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 72, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 33.114, 355.162 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, 72, 100) }
```

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

```
.border{ border-color:rgb(142, 72, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 72, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 72, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 72, 100);  
box-shadow:4px 4px 4px 4px rgb(142, 72,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 33.114, 355.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 72, 100) }
```

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

```
.background{ background-color: rgb(142, 72,  
100) }
```

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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