

Converting Colors

CIELCh(40, 43.638, 2.877)

Have a look what the booklet for
CIELCh(40, 43.638, 2.877) contains.

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Color

CIELCh(40, 43.776, 3.185)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9E3C5C |
| RGB | 158, 60, 92 |
| RGB Percent | 62%, 24%, 36% |
| CMY | 0.3808, 0.7651, 0.6396 |
| CMYK | 0.00, 0.62, 0.42, 0.38 |
| HSL | 340°, 45%, 43% |
| HSV | 340°, 62%, 62% |
| XYZ | 17.6183, 11.2510, 11.3477 |
| YIQ | 92.9500, 48.1360, 30.7280 |

Conversions

Conversions Part 2

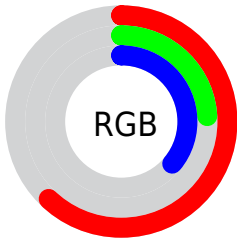
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 158, 60, 92 |
| Decimal | 10370140 |
| CIE Lab | 40.00, 43.71, 2.43 |
| CIE LCh | 40, 43.776, 3.185 |
| Yxy | 11.2510, 0.4381, 0.2798 |
| Android (android.graphics.Color) | 4288560220 (0xFF9E3C5C) |
| YUV | 92.9500, -0.4683, 57.0489 |
| Hunter-Lab | 33.5425, 35.0584, 3.4214 |

Details

The CIELCh color **40, 43.776, 3.185** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **59, 37.422, 167.118**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 43.947, 3.169**, and **20, 43.139, 3.843** is the 20% darker color. If you saturate the color by 10%, you get **37, 49.614, 6.014**, and if you desaturate by 10%, it is **43, 37.131, 0.935**.

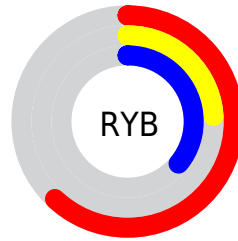
Distribution



Red (62%)

Green (24%)

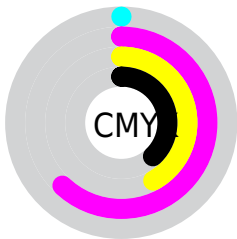
Blue (36%)



Red (62%)

Yellow (24%)

Blue (36%)

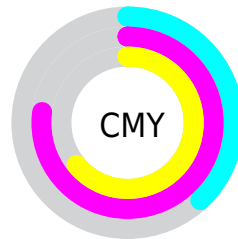


Cyan (0%)

Magenta (62%)

Yellow (42%)

Black (38%)



Cyan (38%)

Magenta (77%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 43.776, 3.185 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, 43.776, 3.185 by changing the saturation by 10% instead.

 40, 43.776, 3.185  40, 43.776, 3.185


 100, 43.776, 3.185  30, 43.776, 3.185

 60, 43.776, 3.185  20, 43.776, 3.185



 70, 43.776, 3.185  10, 43.776, 3.185

 80, 43.776, 3.185  0, 43.776, 3.185

 90, 43.776, 3.185

 40, 43.776, 3.185  40, 43.776, 3.185

 37, 49.614, 6.014  43, 37.131, 0.935

 35, 54.370, 9.583  47, 30.012,
359.114

 34, 57.944, 14.030

■ 33, 60.376, 17.926

■ 51, 22.703,
357.609

■ 55, 15.415,
356.336

■ 60, 8.284, 355.228

■ 64, 1.390, 354.043

■ 69, 5.230, 173.561

■ 73, 11.565,
172.768

■ 78, 17.620,
172.076

Harmonies

Complementary

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



40, 43.776, 3.185



59, 37.422, 167.118

Rectangle

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



40, 43.776, 3.185



40, 43.776, 53.185



40, 43.776, 183.185



40, 43.776, 233.185

Sweetspot

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



40, 43.773, 3.187



72, 16.288, 356.023



38, 61.452, 317.098



36, 11.232, 356.331



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



40, 43.773, 3.187



47, 62.074, 7.113



42, 41.311, 38.062



31, 3.868, 354.934



29, 55.978, 17.392



1, 4.930, 355.282

Inverse Universe

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



40, 43.773, 3.187



47, 62.074, 7.113



55, 25.339, 219.358



31, 3.868, 354.934



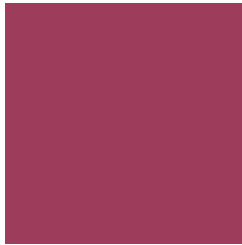
29, 55.978, 17.392



1, 4.930, 355.282

Previews

White Background



This preview shows how the CIELCh color 40, 43.776, 3.185 looks on a white background.

Color Contrast Check

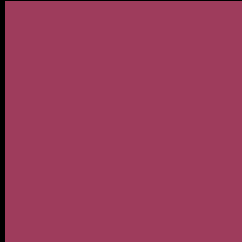
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.776, 3.185 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, 43.776, 3.185

Background



This preview shows how black text looks on a background with the CIELCh color 40, 43.776, 3.185.



This preview shows how white text looks on a background with the CIELCh color 40, 43.776, 3.185.

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, 43.776, 3.185

Protanopia

40, 11.003, 285.811

Deuteranopia

40, 7.269, 44.678



Tritanopia
40, 41.845, 23.647

Trichromacy



Original Color
40, 43.776, 3.185

Protanomaly
39, 19.461, 336.368

Deuteranomaly
39, 20.812, 7.691

Tritanomaly
40, 42.080, 16.261

Monochromacy



Original Color
40, 43.776, 3.185

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 17.055, 356.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 43.776, 3.185 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(158, 60, 92)` looks like.

```
.text, #text, p{  
    color:rgb(158, 60, 92)  
}
```

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(158, 60, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 60, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 43.776, 3.185 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(158, 60, 92) }
```

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

```
.border{ border-color:rgb(158, 60, 92) }
```

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

Here you see how a box with a 4 pixel rgb(158, 60, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 60, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 60, 92);  
box-shadow:4px 4px 4px 4px rgb(158, 60,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 43.776, 3.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 60, 92) }
```

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

```
.background{ background-color: rgb(158, 60,  
92) }
```

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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