

Converting Colors

CIELCh(40, 11.029, 104.953)

Have a look what the booklet for
CIELCh(40, 11.029, 104.953)
contains.

CIELCh(40, 10.924, 103.779)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(40, 10.924, 103.779)

Conversions

Conversions Part 1

Format	Color
Hex	615F4D
RGB	97, 95, 77
RGB Percent	38%, 37%, 30%
CMY	0.6198, 0.6276, 0.6982
CMYK	0.00, 0.02, 0.21, 0.62
HSL	54°, 11%, 34%
HSV	54°, 21%, 38%
XYZ	10.3516, 11.2510, 8.6395
YIQ	93.5460, 6.9700, -5.1740

Conversions

Conversions Part 2

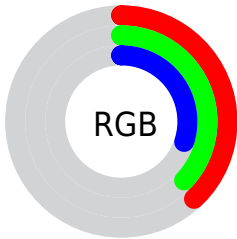
Format	Color
R_{YB}	79, 97, 77
Decimal	6381389
CIE Lab	40.00, -2.60, 10.61
CIE LCh	40, 10.924, 103.779
Yxy	11.2510, 0.3423, 0.3720
Android (android.graphics.Color)	4284571469 (0xFF615F4D)
YUV	93.5460, -8.1572, 3.0292
Hunter-Lab	33.5425, -3.6120, 8.2085

Details

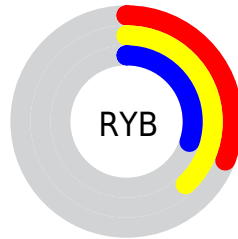
The CIELCh color **40, 10.924, 103.779** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34, 11.307, 288.119**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 10.737, 102.401**, and **20, 10.766, 104.827** is the 20% darker color. If you saturate the color by 10%, you get **39, 16.193, 102.783**, and if you desaturate by 10%, it is **41, 5.627, 104.770**.

Distribution



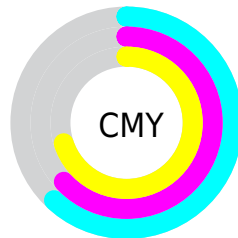
- Red (38%)
- Green (37%)
- Blue (30%)



- Red (31%)
- Yellow (38%)
- Blue (30%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (62%)





- Cyan (62%)
- Magenta (63%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 10.924, 103.779 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, 10.924, 103.779 by changing the saturation by 10% instead.


 40, 10.924,
103.779


 40, 10.924,
103.779


 100, 10.924,
103.779


 30, 10.924,
103.779

 60, 10.924,
103.779


 20, 10.924,
103.779

 70, 10.924,
103.779


 10, 10.924,
103.779

 80, 10.924,
103.779

 0, 10.924, 103.779

 90, 10.924,
103.779

 40, 10.924,

 40, 10.924,

103.779

103.779

■ 39, 16.193,
102.783

■ 41, 5.627, 104.770

■ 39, 21.388,
101.778

■ 41, 0.326, 105.558

■ 42, 4.961, 286.706

■ 39, 26.440,
100.781

■ 42, 10.224,
287.610

■ 38, 31.243, 99.808

■ 43, 15.456,
288.482

■ 38, 35.631, 98.873

■ 44, 20.652,
289.318

■ 37, 39.376, 97.993

■ 37, 42.205, 97.177

■ 44, 25.810,
290.114

■ 37, 44.657, 96.451

■ 45, 30.928,
290.871

■ 46, 36.004,

Harmonies

Complementary

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



40, 10.924, 103.779



34, 11.307, 288.119

Rectangle

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



40, 10.924, 103.779



40, 10.924, 153.779



40, 10.924, 283.779



40, 10.924, 333.779

Sweetspot

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



40, 10.925, 103.785



52, 3.910, 105.197



35, 8.986, 12.883



27, 2.615, 105.160



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



40, 10.925, 103.785



51, 16.304, 103.275



40, 12.605, 124.544



20, 2.968, 104.939



42, 49.446, 96.329



86, 86.104, 95.880

Inverse Universe

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



34, 11.307, 288.119



42, 17.033, 288.805



34, 13.014, 306.525



18, 3.015, 286.729



12, 67.684, 304.145



32, 122.817, 305.208

Previews

White Background



This preview shows how the CIELCh color 40, 10.924, 103.779 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 CIELCh color 40, 10.924, 103.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

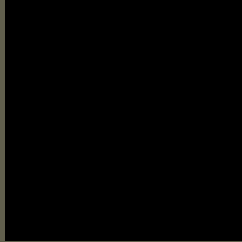
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 10.924, 103.779

Background



This preview shows how black text looks on a background with the CIELCh color 40, 10.924, 103.779.



This preview shows how white text looks on a background with the CIELCh color 40, 10.924, 103.779.

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

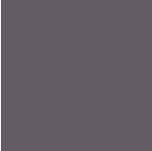
40, 10.924, 103.779

Protanopia

40, 10.650, 93.881

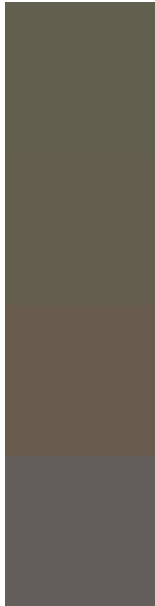
Deuteranopia

40, 11.444, 63.342



Tritanopia
40, 5.438, 328.449

Trichromacy



Original Color
40, 10.924, 103.779

Protanomaly
40, 10.544, 96.262

Deuteranomaly
40, 10.375, 74.343

Tritanomaly
40, 2.831, 44.982

Monochromacy



Original Color
40, 10.924, 103.779

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 3.666, 102.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 10.924, 103.779 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(97, 95, 77)` looks like.

```
.text, #text, p{  
    color:rgb(97, 95, 77)  
}
```

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(97, 95, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 95, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 10.924, 103.779 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(97, 95, 77) }
```

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

```
.border{ border-color:rgb(97, 95, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 95, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 95, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 95, 77);  
box-shadow:4px 4px 4px 4px rgb(97, 95, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 10.924, 103.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 95, 77) }
```

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

```
.background{ background-color: rgb(97, 95,  
77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor