

Converting Colors

CIELCh(40, 10.343, 91.125)

Have a look what the booklet for
CIELCh(40, 10.343, 91.125) contains.

CIELCh(40, 10.777, 91.547)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(40, 10.777, 91.547)

Conversions

Conversions Part 1	
Format	Color
Hex	655E4D
RGB	101, 94, 77
RGB Percent	40%, 37%, 30%
CMY	0.6048, 0.6323, 0.6989
CMYK	0.00, 0.07, 0.24, 0.60
HSL	43°, 14%, 35%
HSV	43°, 24%, 40%
XYZ	10.6551, 11.2510, 8.5903
YIQ	94.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

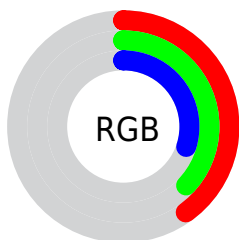
Format	Color
RYB	87, 101, 77
Decimal	6643277
CIELab	40.00, -0.29, 10.77
CIELCh	40, 10.777, 91.547
Yxy	11.2510, 0.3494, 0.3689
Android (android.graphics.Color)	4284833357 (0xFF655E4D)
YUV	94.1550, -8.4574, 6.0031
Hunter-Lab	33.5425, -1.9971, 8.2955

Details

The CIELCh color **40, 10.777, 91.547** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 10.839, 277.482**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 10.633, 91.036**, and **20, 10.608, 90.608** is the 20% darker color. If you saturate the color by 10%, you get **39, 15.407, 90.338**, and if you desaturate by 10%, it is **41, 6.202, 92.731**.

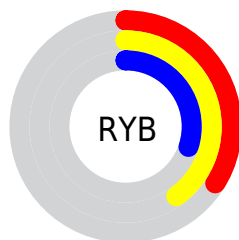
Distribution



Red (40%)

Green (37%)

Blue (30%)



Red (34%)

Yellow (40%)

Blue (30%)

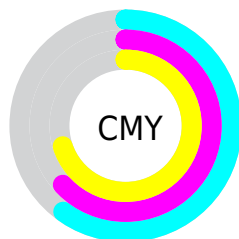


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (60%)



Cyan (60%)












Magenta (63%)







Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 10.777, 91.547 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, 10.777, 91.547 by changing the saturation by 10% instead.

 40, 10.777, 91.547	 40, 10.777, 91.547
 100, 10.777, 91.547	 30, 10.777, 91.547
 60, 10.777, 91.547	 20, 10.777, 91.547
 70, 10.777, 91.547	 10, 10.777, 91.547
 80, 10.777, 91.547	 0, 10.777, 91.547
 90, 10.777, 91.547	

 40, 10.777, 91.547	 40, 10.777, 91.547
 39, 15.407, 90.338	 41, 6.202, 92.731
 38, 20.063, 89.089	 42, 1.692, 93.822


 37, 24.695, 87.805


 43, 2.747, 275.053


 36, 29.209, 86.482

 45, 7.115, 276.087

 35, 33.447, 85.098

 46, 11.415,
277.099


 34, 37.150, 83.608


 47, 15.650,
278.068

 33, 40.099, 81.975

 33, 42.119, 81.084

 48, 19.825,
278.992

 49, 23.943,
279.871

 51, 28.007,
280.705

Harmonies

Complementary

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



40, 10.777, 91.547



36, 10.839, 277.482

Rectangle

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



40, 10.777, 91.547



40, 10.777, 141.547



40, 10.777, 271.547



40, 10.777, 321.547

Sweetspot

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



40, 10.778, 91.554



53, 3.855, 93.474



35, 11.388, 358.260



27, 2.525, 93.439



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



40, 10.778, 91.554



50, 16.259, 90.827



42, 14.520, 116.471



21, 2.536, 93.283



37, 46.131, 80.698



75, 79.729, 79.112

Inverse Universe

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



36, 10.839, 277.482



44, 16.380, 278.461



34, 15.236, 299.741



20, 2.547, 275.413



17, 55.335, 297.287



39, 101.983, 299.332

Previews

White Background



This preview shows how the CIELCh color 40, 10.777, 91.547 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, 10.777, 91.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

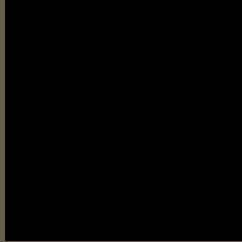
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

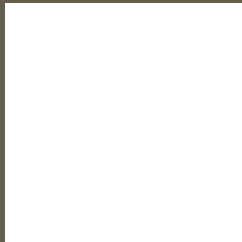
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 10.777, 91.547

Background



This preview shows how black text looks on a background with the CIELCh color 40, 10.777, 91.547.

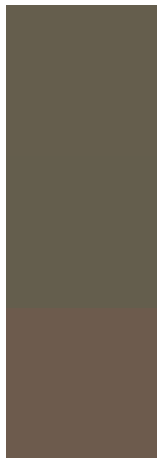


This preview shows how white text looks on a background with the CIELCh color 40, 10.777, 91.547.

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

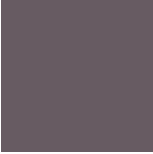
40, 10.777, 91.547

Protanopia

40, 10.650, 93.881

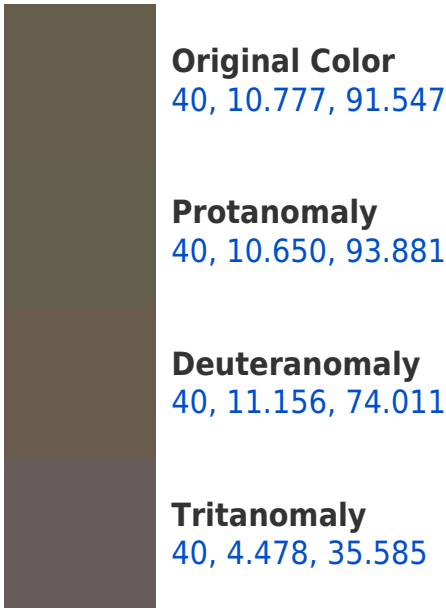
Deuteranopia

40, 11.898, 65.259

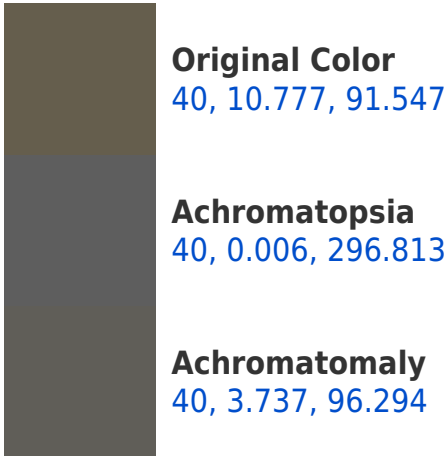


Tritanopia
40, 6.615, 340.230

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 10.777, 91.547 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(101, 94, 77)` looks like.

```
.text, #text, p{  
    color:rgb(101, 94, 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(101, 94, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 94, 77) }
```

Border

The CSS property to change the border of an element to CIElCh 40, 10.777, 91.547 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(101, 94, 77) }
```

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

```
.border{ border-color:rgb(101, 94, 77) }
```

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

Here you see how a box with a 4 pixel rgb(101, 94, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 94, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 94, 77);  
box-shadow:4px 4px 4px 4px rgb(101, 94,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 10.777, 91.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 94, 77) }
```

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

```
.background{ background-color: rgb(101, 94,  
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](#).

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