

Converting Colors

CIELCh(40, 7.989, 102.885)

Have a look what the booklet for
CIELCh(40, 7.989, 102.885) contains.

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Color

CIELCh(40, 7.920, 102.571)

Conversions

Conversions Part 1	
Format	Color
Hex	615F52
RGB	97, 95, 82
RGB Percent	38%, 37%, 32%
CMY	0.6209, 0.6288, 0.6797
CMYK	0.00, 0.02, 0.16, 0.62
HSL	52°, 8%, 35%
HSV	52°, 16%, 38%
XYZ	10.4662, 11.2510, 9.5373
YIQ	94.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

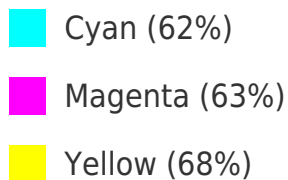
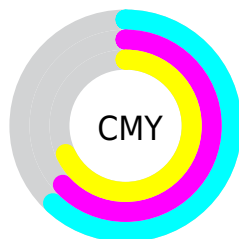
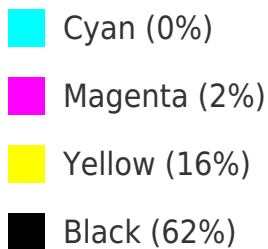
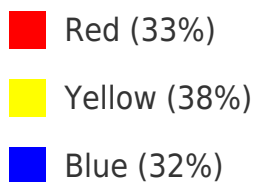
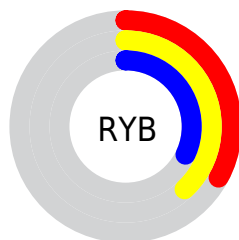
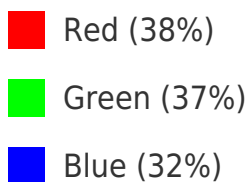
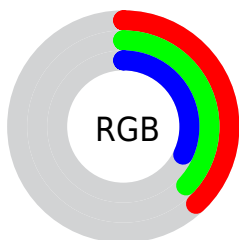
Format	Color
RYB	84, 97, 82
Decimal	6381394
CIELab	40.00, -1.72, 7.73
CIELCh	40, 7.920, 102.571
Yxy	11.2510, 0.3349, 0.3600
Android (android.graphics.Color)	4284571474 (0xFF615F52)
YUV	94.1160, -5.9732, 2.5293
Hunter-Lab	33.5425, -3.0021, 6.6215

Details

The CIELCh color **40, 7.920, 102.571** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 8.104, 285.856**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 7.953, 100.522**, and **20, 8.153, 101.105** is the 20% darker color. If you saturate the color by 10%, you get **39, 13.034, 101.551**, and if you desaturate by 10%, it is **41, 2.805, 103.572**.












Distribution









Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 7.920, 102.571 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, 7.920, 102.571 by changing the saturation by 10% instead.

 40, 7.920, 102.571	 40, 7.920, 102.571
 100, 7.920, 102.571	 30, 7.920, 102.571
 60, 7.920, 102.571	 20, 7.920, 102.571
 70, 7.920, 102.571	 10, 7.920, 102.571
 80, 7.920, 102.571	 0, 7.920, 102.571
 90, 7.920, 102.571	

 40, 7.920, 102.571	 40, 7.920, 102.571
 39, 13.034, 101.551	 41, 2.805, 103.572
 39, 18.115,	 41, 2.294, 284.611

100.507	42, 7.366, 285.539
38, 23.114, 99.458	43, 12.404, 286.448
38, 27.950, 98.414	43, 17.404, 287.321
37, 32.495, 97.386	44, 22.364, 288.155
37, 36.558, 96.384	45, 27.283, 288.948
36, 39.877, 95.413	46, 32.160, 289.701
36, 42.442, 94.474	47, 36.995, 290.413
36, 43.694, 94.071	

Harmonies

Complementary

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



40, 7.920, 102.571



36, 8.104, 285.856

Rectangle

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



40, 7.920, 102.571



40, 7.920, 152.571



40, 7.920, 282.571



40, 7.920, 332.571

Sweetspot

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



40, 7.921, 102.579



52, 3.145, 103.606



36, 6.673, 9.745



27, 2.163, 103.560



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, 7.921, 102.579



51, 11.992, 102.165



40, 9.396, 123.538



20, 2.867, 103.244



41, 48.471, 93.896



84, 84.332, 93.263

Inverse Universe

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



36, 8.104, 285.856



45, 12.342, 286.368



36, 9.636, 305.069



18, 2.908, 285.086



13, 65.806, 303.324



32, 120.175, 304.592

Previews

White Background



This preview shows how the CIE LCh color 40, 7.920, 102.571 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, 7.920, 102.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

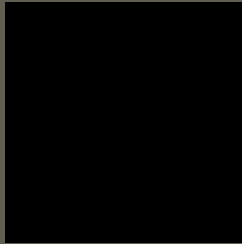
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

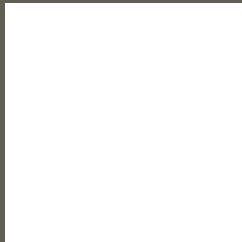
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 7.920, 102.571

Background



This preview shows how black text looks on a background with the CIELCh color 40, 7.920, 102.571.



This preview shows how white text looks on a background with the CIELCh color 40, 7.920, 102.571.

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, 7.920, 102.571

Protanopia

40, 8.187, 93.237

Deuteranopia

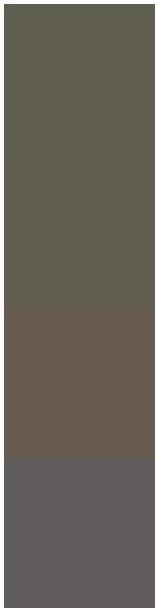
40, 9.417, 55.411



Tritanopia

40, 5.192, 324.773

Trichromacy



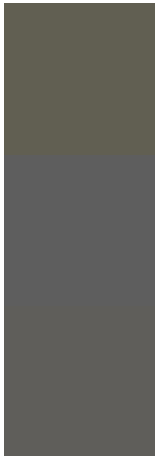
Original Color
40, 7.920, 102.571

Protanomaly
40, 8.078, 96.284

Deuteranomaly
40, 8.113, 68.023

Tritanomaly
40, 2.118, 19.539

Monochromacy



Original Color
40, 7.920, 102.571

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 2.461, 99.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 7.920, 102.571 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(97, 95, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 95, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 7.920, 102.571 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, 82) }
```

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

```
.border{ border-color:rgb(97, 95, 82) }
```

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, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 95, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 95, 82);  
box-shadow:4px 4px 4px 4px rgb(97, 95, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 7.920, 102.571 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, 82) }
```

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

```
.background{ background-color: rgb(97, 95,  
82) }
```

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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