

Converting Colors

CIELCh(40, 2.457, 99.822)

Have a look what the booklet for
CIELCh(40, 2.457, 99.822) contains.

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Color

CIELCh(40, 2.461, 99.818)

Conversions

Conversions Part 1

Format	Color
Hex	5F5E5A
RGB	95, 94, 90
RGB Percent	37%, 37%, 35%
CMY	0.6263, 0.6302, 0.6459
CMYK	0.00, 0.01, 0.05, 0.63
HSL	48°, 3%, 36%
HSV	48°, 5%, 37%
XYZ	10.6380, 11.2510, 11.3504
YIQ	93.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

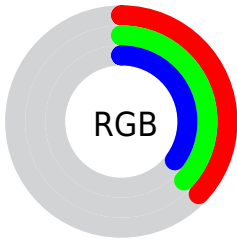
Format	Color
R_{YB}	91, 95, 90
Decimal	6250074
CIE Lab	40.00, -0.42, 2.42
CIE LCh	40, 2.461, 99.818
Yxy	11.2510, 0.3200, 0.3385
Android (android.graphics.Color)	4284440154 (0xFF5F5E5A)
YUV	93.8430, -1.8946, 1.0147
Hunter-Lab	33.5425, -2.0878, 3.4167

Details

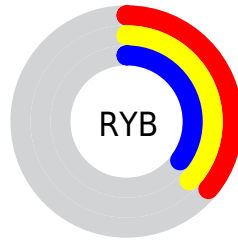
The CIELCh color **40, 2.461, 99.818** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 2.484, 281.023**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 2.278, 99.974**, and **20, 2.087, 96.406** is the 20% darker color. If you saturate the color by 10%, you get **39, 7.190, 98.798**, and if you desaturate by 10%, it is **41, 2.229, 280.953**.

Distribution



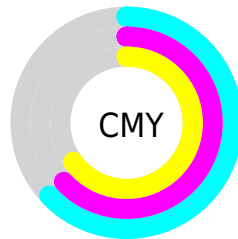
- Red (37%)
- Green (37%)
- Blue (35%)



- Red (36%)
- Yellow (37%)
- Blue (35%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (63%)



- Cyan (63%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 2.461, 99.818 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, 2.461, 99.818 by changing the saturation by 10% instead.

■ 40, 2.461, 99.818 ■ 40, 2.461, 99.818

■ 100, 2.461, 99.818 ■ 30, 2.461, 99.818

■ 60, 2.461, 99.818 ■ 20, 2.461, 99.818

■ 70, 2.461, 99.818 ■ 10, 2.461, 99.818

■ 80, 2.461, 99.818 ■ 0, 2.461, 99.818

■ 90, 2.461, 99.818

■ 40, 2.461, 99.818 ■ 40, 2.461, 99.818

■ 39, 7.190, 98.798 ■ 41, 2.229, 280.953

■ 38, 11.941, 97.706 ■ 42, 6.877, 281.921

■ 38, 16.694, 96.587 ■ 43, 11.480,

 37, 21.409, 95.448	 282.871
 36, 26.017, 94.295	 44, 16.035, 283.783
 35, 30.407, 93.131	 44, 20.545, 284.653
 35, 34.402, 91.952	
 34, 37.745, 90.743	 45, 25.009, 285.480
 34, 40.406, 89.511	 46, 29.428, 286.266
	 47, 33.804, 287.010
	 48, 38.138, 287.715

Harmonies

Complementary

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



40, 2.461, 99.818



39, 2.484, 281.023

Rectangle

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



40, 2.461, 99.818



40, 2.461, 149.818



40, 2.461, 279.818



40, 2.461, 329.818

Sweetspot

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



40, 2.462, 99.841



52, 1.167, 100.116



39, 2.215, 3.559



27, 0.668, 100.126



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, 2.462, 99.841



52, 3.519, 99.748



40, 3.106, 121.536



20, 1.868, 99.744



39, 46.839, 88.657



80, 81.436, 87.619

Inverse Universe

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



39, 2.484, 281.023



50, 3.552, 281.123



39, 3.144, 302.073



19, 1.886, 281.127



14, 61.388, 301.216



35, 113.283, 302.867

Previews

White Background



This preview shows how the CIELCh color 40, 2.461, 99.818 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, 2.461, 99.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

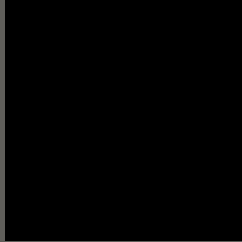
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

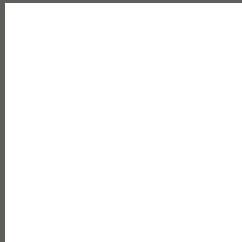
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 2.461, 99.818

Background



This preview shows how black text looks on a background with the CIELCh color 40, 2.461, 99.818.



This preview shows how white text looks on a background with the CIELCh color 40, 2.461, 99.818.

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, 2.461, 99.818

Protanopia

40, 2.736, 81.826

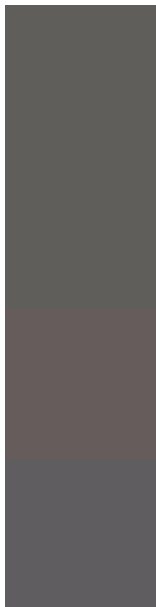
Deuteranopia

40, 6.042, 20.178



Tritanopia
40, 4.599, 311.780

Trichromacy



Original Color
40, 2.461, 99.818

Protanomaly
40, 2.566, 90.355

Deuteranomaly
40, 3.906, 28.763

Tritanomaly
40, 2.233, 324.533

Monochromacy



Original Color
40, 2.461, 99.818

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 0.603, 110.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 2.461, 99.818 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(95, 94, 90)` looks like.

```
.text, #text, p{  
    color:rgb(95, 94, 90)  
}
```

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(95, 94, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 94, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 2.461, 99.818 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(95, 94, 90) }
```

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

```
.border{ border-color:rgb(95, 94, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 94, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 94, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 94, 90);  
box-shadow:4px 4px 4px 4px rgb(95, 94, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 2.461, 99.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 94, 90) }
```

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

```
.background{ background-color: rgb(95, 94,  
90) }
```

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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