

Converting Colors

CIELCh(40, 3.893, 319.146)

Have a look what the booklet for
CIELCh(40, 3.893, 319.146) contains.

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Color

CIELCh(40, 3.493, 318.985)

Conversions

Conversions Part 1

Format	Color
Hex	615D62
RGB	97, 93, 98
RGB Percent	38%, 36%, 38%
CMY	0.6196, 0.6353, 0.6157
CMYK	0.01, 0.05, 0.00, 0.62
HSL	288°, 3%, 37%
HSV	288°, 5%, 38%
XYZ	11.0478, 11.2510, 13.1438
YIQ	94.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

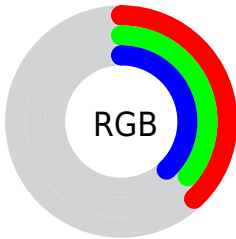
Format	Color
RYB	97, 93, 98
Decimal	6380898
CIELab	40.00, 2.64, -2.29
CIELCh	40, 3.493, 318.985
Yxy	11.2510, 0.3117, 0.3174
Android (android.graphics.Color)	4284570978 (0xFF615D62)
YUV	94.7660, 1.5944, 1.9592
Hunter-Lab	33.5425, 0.0930, 0.2466

Details

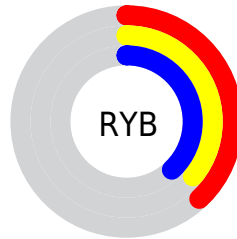
The CIELCh color **40, 3.493, 318.985** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 3.474, 138.633**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 3.924, 319.931**, and **20, 3.893, 319.146** is the 20% darker color. If you saturate the color by 10%, you get **37, 10.418, 319.421**, and if you desaturate by 10%, it is **43, 3.307, 138.654**.

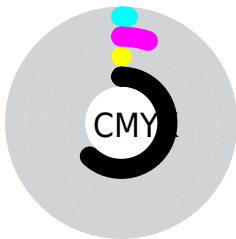
Distribution



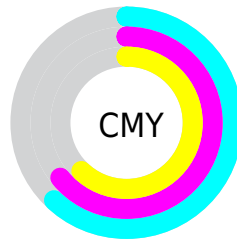
- Red (38%)
- Green (36%)
- Blue (38%)



- Red (38%)
- Yellow (36%)
- Blue (38%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (62%)



- Cyan (62%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 3.493, 318.985 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, 3.493, 318.985 by changing the saturation by 10% instead.

■ 40, 3.493, 318.985

■ 40, 3.493, 318.985

■ 100, 3.493,
318.985

■ 30, 3.493, 318.985

■ 60, 3.493, 318.985

■ 20, 3.493, 318.985

■ 70, 3.493, 318.985

■ 10, 3.493, 318.985

■ 80, 3.493, 318.985

■ 0, 3.493, 318.985

■ 90, 3.493, 318.985

■ 40, 3.493, 318.985

■ 40, 3.493, 318.985

■ 37, 10.418,
319.421

■ 43, 3.307, 138.654

■ 34, 17.421,

■ 46, 9.950, 138.244

319.844

■ 49, 16.422,
137.877

■ 31, 24.422,
320.255

■ 52, 22.716,
137.537

■ 28, 31.303,
320.637

■ 55, 28.833,
137.223

■ 26, 37.897,
320.968

■ 59, 34.777,
136.933

■ 24, 43.980,
321.219

■ 62, 40.554,
136.668

■ 22, 49.285,
321.354

■ 65, 46.171,
136.426

■ 20, 53.531,
321.337

■ 68, 51.638,
136.205

■ 19, 56.731,
321.175

Harmonies

Complementary

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



40, 3.493, 318.985



41, 3.474, 138.633

Rectangle

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



40, 3.493, 318.985



40, 3.493, 8.985



40, 3.493, 138.985



40, 3.493, 188.985

Sweetspot

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



40, 3.492, 318.983



53, 1.698, 318.806



40, 2.424, 279.979



27, 0.957, 318.790



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, 3.492, 318.983



51, 5.103, 319.033



40, 3.041, 333.872



19, 2.665, 319.035



21, 64.205, 321.010



49, 112.435, 320.587

Inverse Universe

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



40, 2.203, 3.540



51, 3.225, 3.659



41, 3.027, 153.368



19, 1.684, 3.661



22, 49.613, 26.714



50, 89.446, 30.419

Previews

White Background



This preview shows how the CIELCh color 40, 3.493, 318.985 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, 3.493, 318.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

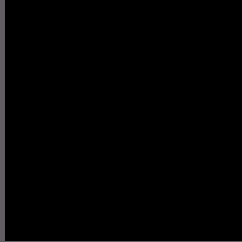
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

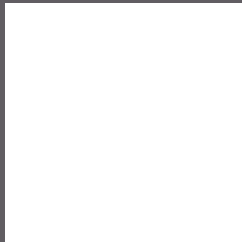
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 3.493, 318.985

Background



This preview shows how black text looks on a background with the CIELCh color 40, 3.493, 318.985.



This preview shows how white text looks on a background with the CIELCh color 40, 3.493, 318.985.

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, 3.493, 318.985

Protanopia

40, 2.482, 300.140

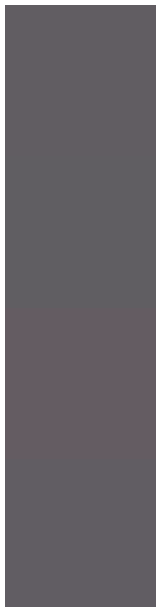
Deuteranopia

40, 6.300, 337.681



Tritanopia
40, 4.599, 311.780

Trichromacy



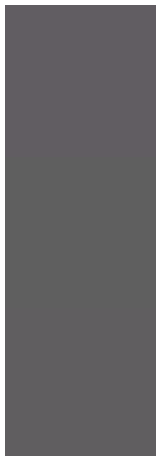
Original Color
40, 3.493, 318.985

Protanomaly
40, 2.588, 309.207

Deuteranomaly
40, 4.976, 332.784

Tritanomaly
40, 4.037, 314.877

Monochromacy



Original Color
40, 3.493, 318.985

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 1.489, 324.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 3.493, 318.985 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, 93, 98)` looks like.

```
.text, #text, p{  
    color:rgb(97, 93, 98)  
}
```

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, 93, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 93, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 3.493, 318.985 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, 93, 98) }
```

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

```
.border{ border-color:rgb(97, 93, 98) }
```

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

Here you see how a box with a 4 pixel rgb(97, 93, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 93, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 93, 98);  
box-shadow:4px 4px 4px 4px rgb(97, 93, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 3.493, 318.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 93, 98) }
```

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

```
.background{ background-color: rgb(97, 93,  
98) }
```

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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