

Converting Colors

CIELCh(40, 8.678, 300.389)

Have a look what the booklet for
CIELCh(40, 8.678, 300.389) contains.

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Color

CIELCh(40, 8.729, 302.034)

Conversions

Conversions Part 1

Format	Color
Hex	605C6A
RGB	96, 92, 106
RGB Percent	38%, 36%, 42%
CMY	0.6224, 0.6381, 0.5832
CMYK	0.09, 0.13, 0.00, 0.58
HSL	257°, 7%, 39%
HSV	257°, 13%, 42%
XYZ	11.3210, 11.2510, 15.2885
YIQ	94.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

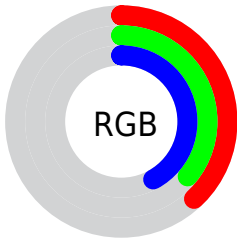
Format	Color
R_{YB}	96, 92, 106
Decimal	6315114
CIE Lab	40.00, 4.63, -7.40
CIE LCh	40, 8.729, 302.034
Yxy	11.2510, 0.2990, 0.2972
Android (android.graphics.Color)	4284505194 (0xFF605C6A)
YUV	94.7920, 5.5255, 1.0594
Hunter-Lab	33.5425, 1.5464, -3.5443

Details

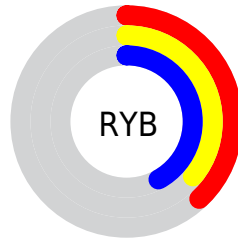
The CIELCh color $40, 8.729, 302.034$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 8.518, 120.540$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 8.722, 303.567$, and $20, 9.080, 303.274$ is the 20% darker color. If you saturate the color by 10%, you get $36, 15.610, 302.709$, and if you desaturate by 10%, it is $44, 2.074, 301.424$.

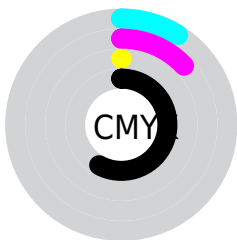
Distribution



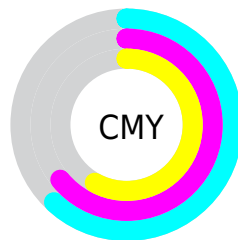
- Red (38%)
- Green (36%)
- Blue (42%)



- Red (38%)
- Yellow (36%)
- Blue (42%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 8.729, 302.034 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, 8.729, 302.034 by changing the saturation by 10% instead.

■ 40, 8.729, 302.034

■ 40, 8.729, 302.034

■ 100, 8.729,
302.034

■ 30, 8.729, 302.034

■ 60, 8.729, 302.034

■ 20, 8.729, 302.034

■ 70, 8.729, 302.034

■ 10, 8.729, 302.034

■ 80, 8.729, 302.034

■ 0, 8.729, 302.034

■ 90, 8.729, 302.034

■ 40, 8.729, 302.034

■ 40, 8.729, 302.034

■ 36, 15.610,
302.709

■ 44, 2.074, 301.424

■ 33, 22.717,

■ 47, 4.358, 120.919

303.466

51, 10.575,
120.457

29, 30.024,
304.300

55, 16.589,
120.058

25, 37.472,
305.193

59, 22.412,
119.711

22, 44.934,
306.110

62, 28.054,
119.411

18, 52.164,
306.982

66, 33.528,
119.152

15, 58.745,
307.699

69, 38.842,
118.928

13, 64.167,
308.146

73, 44.007,
118.736

11, 67.963,
308.610

Harmonies

Complementary

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



40, 8.729, 302.034



44, 8.518, 120.540

Rectangle

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



40, 8.729, 302.034



40, 8.729, 352.034



40, 8.729, 122.034



40, 8.729, 172.034

Sweetspot

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



40, 8.728, 302.031



56, 3.231, 301.479



43, 4.603, 230.441



28, 2.281, 301.514



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



40, 8.728, 302.031



50, 13.178, 302.244



41, 9.663, 318.839



20, 3.719, 301.769



13, 72.994, 308.506



34, 126.464, 307.994

Inverse Universe

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



41, 8.432, 334.531



51, 12.687, 334.753



44, 9.595, 137.748



21, 3.608, 334.245



25, 52.883, 343.050



55, 90.034, 344.206

Previews

White Background



This preview shows how the CIELCh color 40, 8.729, 302.034 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, 8.729, 302.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

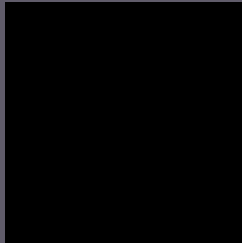
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 8.729, 302.034

Background



This preview shows how black text looks on a background with the CIELCh color 40, 8.729, 302.034.



This preview shows how white text looks on a background with the CIELCh color 40, 8.729, 302.034.

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, 8.729, 302.034

Protanopia

40, 7.948, 285.686

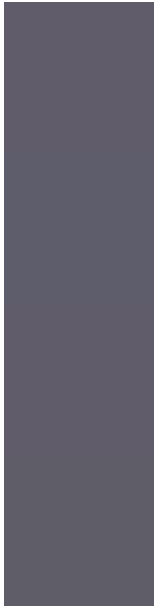
Deuteranopia

40, 8.917, 307.143



Tritanopia
40, 4.965, 300.380

Trichromacy



Original Color

40, 8.729, 302.034

Protanomaly

40, 8.562, 294.134

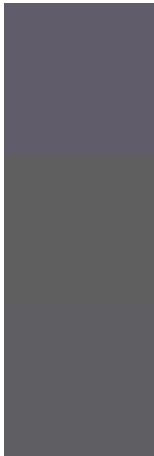
Deuteranomaly

40, 8.814, 304.610

Tritanomaly

40, 6.171, 298.640

Monochromacy



Original Color

40, 8.729, 302.034

Achromatopsia

40, 0.006, 296.813

Achromatomaly

40, 3.084, 298.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 8.729, 302.034 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(96, 92, 106)` looks like.

```
.text, #text, p{  
    color:rgb(96, 92, 106)  
}
```

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(96, 92, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 92, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 8.729, 302.034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

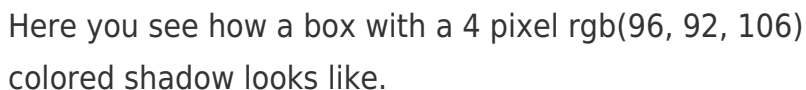
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 92, 106) }
```

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

```
.border{ border-color:rgb(96, 92, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 92, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 92, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 92, 106);  
box-shadow:4px 4px 4px 4px rgb(96, 92,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 8.729, 302.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 92, 106) }
```

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

```
.background{ background-color: rgb(96, 92,  
106) }
```

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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