

Converting Colors

CIELCh(40, 9.628, 351.003)

Have a look what the booklet for
CIELCh(40, 9.628, 351.003) contains.

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Color

CIELCh(40, 9.771, 351.037)

Conversions

Conversions Part 1

Format	Color
Hex	6D5961
RGB	109, 89, 97
RGB Percent	43%, 35%, 38%
CMY	0.5727, 0.6511, 0.6197
CMYK	0.00, 0.18, 0.11, 0.57
HSL	336°, 10%, 39%
HSV	336°, 18%, 43%
XYZ	12.0285, 11.2510, 12.8390
YIQ	95.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

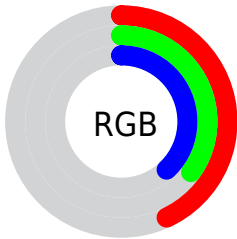
Format	Color
R_{YB}	109, 89, 97
Decimal	7166305
CIE Lab	40.00, 9.65, -1.52
CIE LCh	40, 9.771, 351.037
Yxy	11.2510, 0.3330, 0.3115
Android (android.graphics.Color)	4285356385 (0xFF6D5961)
YUV	95.8920, 0.5462, 11.4957
Hunter-Lab	33.5425, 5.3115, 0.7853

Details

The CIELCh color $40, 9.771, 351.037$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 9.444, 167.846$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 10.014, 350.059$, and $20, 10.048, 349.210$ is the 20% darker color. If you saturate the color by 10%, you get $37, 15.261, 352.118$, and if you desaturate by 10%, it is $43, 4.384, 350.064$.

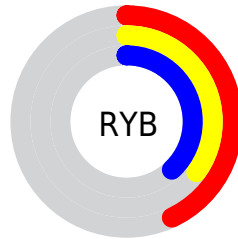
Distribution



Red (43%)

Green (35%)

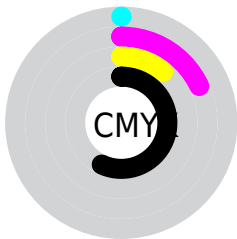
Blue (38%)



Red (43%)

Yellow (35%)

Blue (38%)

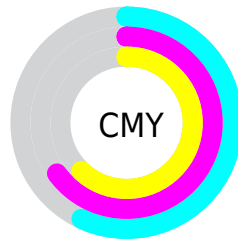


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (57%)



Cyan (57%)

Magenta (65%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 9.771, 351.037 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, 9.771, 351.037 by changing the saturation by 10% instead.

■ 40, 9.771, 351.037

■ 40, 9.771, 351.037

■ 100, 9.771,
351.037

■ 30, 9.771, 351.037

■ 60, 9.771, 351.037

■ 20, 9.771, 351.037

■ 70, 9.771, 351.037

■ 10, 9.771, 351.037

■ 80, 9.771, 351.037

■ 0, 9.771, 351.037

■ 90, 9.771, 351.037

■ 40, 9.771, 351.037

■ 40, 9.771, 351.037

■ 37, 15.261,
352.118

■ 43, 4.384, 350.064

■ 34, 20.773,

■ 47, 0.846, 169.623

353.352

50, 5.896, 168.577

31, 26.173,
354.798

53, 10.757,
167.864

28, 31.276,
356.530

57, 15.432,
167.223

26, 35.852,
358.649

60, 19.927,
166.635

24, 39.657, 1.286

64, 24.255,
166.093

23, 42.509, 4.591

67, 28.428,
165.590

22, 44.771, 8.355

22, 45.180, 8.946

70, 32.458,
165.122

Harmonies

Complementary

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



40, 9.771, 351.037



44, 9.444, 167.846

Rectangle

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



40, 9.771, 351.037



40, 9.771, 41.037



40, 9.771, 171.037



40, 9.771, 221.037

Sweetspot

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



40, 9.770, 351.041



57, 3.919, 349.849



40, 13.196, 313.221



29, 2.583, 349.893



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 9.770, 351.041



50, 14.696, 351.483



40, 7.969, 29.110



21, 2.910, 350.121



24, 47.632, 9.401



52, 82.396, 12.699

Inverse Universe

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



40, 9.770, 351.041



50, 14.696, 351.483



44, 7.093, 208.416



21, 2.910, 350.121



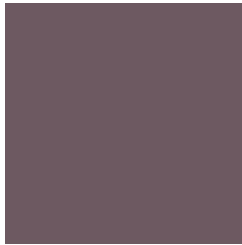
24, 47.632, 9.401



52, 82.396, 12.699

Previews

White Background



This preview shows how the CIELCh color 40, 9.771, 351.037 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, 9.771, 351.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

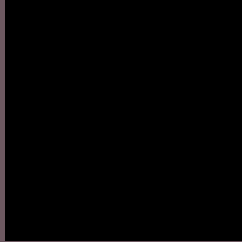
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 9.771, 351.037

Background



This preview shows how black text looks on a background with the CIELCh color 40, 9.771, 351.037.



This preview shows how white text looks on a background with the CIELCh color 40, 9.771, 351.037.

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, 9.771, 351.037

Protanopia

40, 3.660, 290.747

Deuteranopia

40, 5.926, 349.344



Tritanopia
40, 9.509, 354.265

Trichromacy



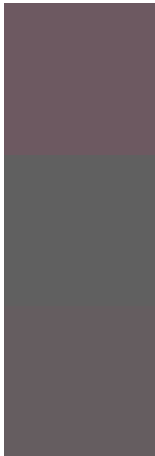
Original Color
40, 9.771, 351.037

Protanomaly
40, 5.192, 324.773

Deuteranomaly
40, 7.336, 350.627

Tritanomaly
40, 9.509, 354.265

Monochromacy



Original Color
40, 9.771, 351.037

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 3.845, 351.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 9.771, 351.037 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(109, 89, 97)` looks like.

```
.text, #text, p{  
    color:rgb(109, 89, 97)  
}
```

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(109, 89, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 89, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 9.771, 351.037 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(109, 89, 97) }
```

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

```
.border{ border-color:rgb(109, 89, 97) }
```

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

Here you see how a box with a 4 pixel rgb(109, 89, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 89, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 89, 97);  
box-shadow:4px 4px 4px 4px rgb(109, 89,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 9.771, 351.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 89, 97) }
```

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

```
.background{ background-color: rgb(109, 89,  
97) }
```

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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