

Converting Colors

CIELCh(40, 9.399, 8.887)

Have a look what the booklet for
CIELCh(40, 9.399, 8.887) contains.

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Color

CIELCh(40, 9.253, 9.405)

Conversions

Conversions Part 1

Format	Color
Hex	6E595C
RGB	110, 89, 92
RGB Percent	43%, 35%, 36%
CMY	0.5683, 0.6507, 0.6389
CMYK	0.00, 0.19, 0.16, 0.57
HSL	351°, 11%, 39%
HSV	351°, 19%, 43%
XYZ	11.9534, 11.2510, 11.6838
YIQ	95.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

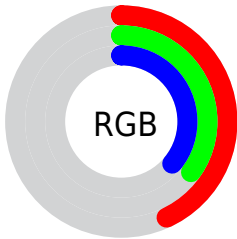
Format	Color
R _Y B	110, 89, 92
Decimal	7231836
CIE Lab	40.00, 9.13, 1.51
CIE LCh	40, 9.253, 9.405
Yxy	11.2510, 0.3426, 0.3225
Android (android.graphics.Color)	4285421916 (0xFF6E595C)
YUV	95.6210, -1.7852, 12.6104
Hunter-Lab	33.5425, 4.9122, 2.8273

Details

The CIELCh color $40, 9.253, 9.405$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 8.496, 186.230$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 9.312, 9.918$, and $20, 9.477, 9.318$ is the 20% darker color. If you saturate the color by 10%, you get $37, 14.477, 10.595$, and if you desaturate by 10%, it is $43, 4.280, 8.392$.

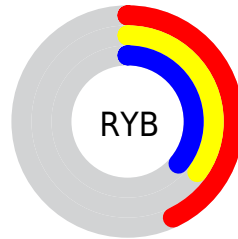
Distribution



Red (43%)

Green (35%)

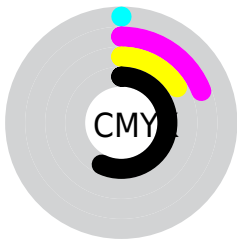
Blue (36%)



Red (43%)

Yellow (35%)

Blue (36%)

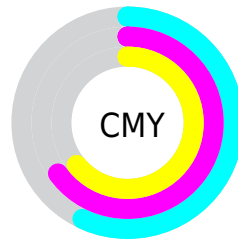


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (57%)



Cyan (57%)

Magenta (65%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 9.253, 9.405 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, 9.253, 9.405 by changing the saturation by 10% instead.

40, 9.253, 9.405

40, 9.253, 9.405

100, 9.253, 9.405

30, 9.253, 9.405

60, 9.253, 9.405

20, 9.253, 9.405

70, 9.253, 9.405

10, 9.253, 9.405

80, 9.253, 9.405

0, 9.253, 9.405

90, 9.253, 9.405

40, 9.253, 9.405

40, 9.253, 9.405

37, 14.477, 10.595

43, 4.280, 8.392

34, 19.911, 12.027

47, 0.420, 188.452

31, 25.468, 13.793

50, 4.853, 187.002

■ 28, 31.016, 15.996

■ 54, 9.032, 186.350

■ 26, 36.384, 18.759

■ 57, 12.975,
185.792

■ 24, 41.397, 22.187

■ 61, 16.704,
185.301

■ 23, 45.919, 26.307

■ 22, 50.173, 30.341

■ 64, 20.241,
184.862

■ 21, 50.551, 30.601

■ 68, 23.606,
184.465

■ 71, 26.817,
184.105

Harmonies

Complementary

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



40, 9.253, 9.405



45, 8.496, 186.230

Rectangle

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



40, 9.253, 9.405



40, 9.253, 59.405



40, 9.253, 189.405



40, 9.253, 239.405

Sweetspot

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



40, 9.252, 9.411



57, 3.474, 8.098



40, 14.722, 321.109



29, 2.291, 8.143



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, 9.252, 9.411



50, 13.978, 9.922



42, 7.454, 56.215



22, 2.693, 8.386



24, 54.072, 31.296



52, 95.281, 34.351

Inverse Universe

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



40, 9.252, 9.411



50, 13.978, 9.922



43, 6.808, 239.698



22, 2.693, 8.386



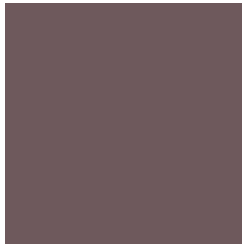
24, 54.072, 31.296



52, 95.281, 34.351

Previews

White Background



This preview shows how the CIELCh color 40, 9.253, 9.405 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 CIELCh color 40, 9.253, 9.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

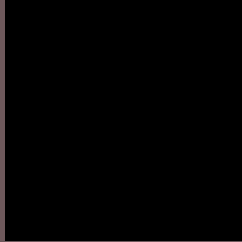
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 9.253, 9.405

Background



This preview shows how black text looks on a background with the CIELCh color 40, 9.253, 9.405.

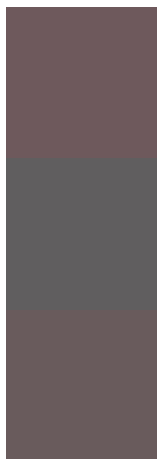


This preview shows how white text looks on a background with the CIELCh color 40, 9.253, 9.405.

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, 9.253, 9.405

Protanopia

40, 1.045, 343.580

Deuteranopia

40, 6.050, 14.451



Tritanopia
40, 9.681, 358.757

Trichromacy



Original Color

40, 9.253, 9.405

Protanomaly

40, 4.015, 2.278

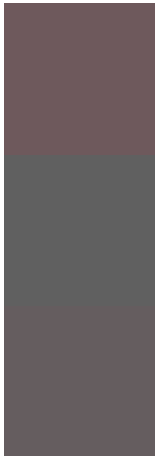
Deuteranomaly

40, 7.425, 11.033

Tritanomaly

40, 9.501, 2.192

Monochromacy



Original Color

40, 9.253, 9.405

Achromatopsia

41, 0.006, 296.813

Achromatomaly

40, 3.602, 0.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 9.253, 9.405 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(110, 89, 92)` looks like.

```
.text, #text, p{  
    color:rgb(110, 89, 92)  
}
```

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(110, 89, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 89, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 9.253, 9.405 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(110, 89, 92) }
```

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

```
.border{ border-color:rgb(110, 89, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 89, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 89, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 89, 92);  
box-shadow:4px 4px 4px 4px rgb(110, 89,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 9.253, 9.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 89, 92) }
```

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

```
.background{ background-color: rgb(110, 89,  
92) }
```

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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