

Converting Colors

CIELCh(40, 7.607, 283.798)

Have a look what the booklet for
CIELCh(40, 7.607, 283.798) contains.

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Color

CIELCh(40, 7.388, 282.057)

Conversions

Conversions Part 1

Format	Color
Hex	5B5E6A
RGB	91, 94, 106
RGB Percent	36%, 37%, 42%
CMY	0.6434, 0.6317, 0.5846
CMYK	0.14, 0.11, 0.00, 0.58
HSL	228°, 8%, 39%
HSV	228°, 14%, 42%
XYZ	10.9001, 11.2510, 15.2114
YIQ	94.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

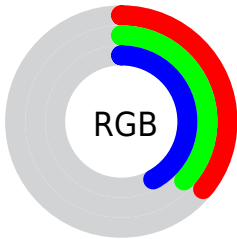
Format	Color
R_{YB}	91, 94, 106
Decimal	5987946
CIE _{Lab}	40.00, 1.54, -7.23
CIE _{LCh}	40, 7.388, 282.057
Yxy	11.2510, 0.2917, 0.3011
Android (android.graphics.Color)	4284178026 (0xFF5B5E6A)
YUV	94.4710, 5.6838, -3.0441
Hunter-Lab	33.5425, -0.6930, -3.4082

Details

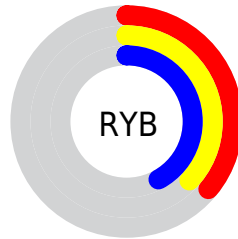
The CIELCh color **40, 7.388, 282.057** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 7.278, 98.866**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 7.411, 282.345**, and **20, 7.567, 282.236** is the 20% darker color. If you saturate the color by 10%, you get **37, 12.778, 283.429**, and if you desaturate by 10%, it is **43, 2.145, 280.890**.

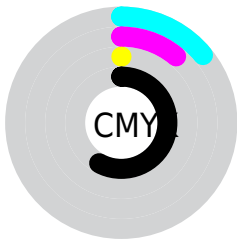
Distribution



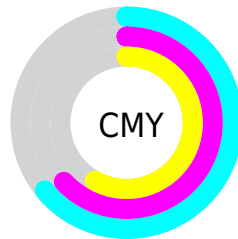
- Red (36%)
- Green (37%)
- Blue (42%)



- Red (36%)
- Yellow (37%)
- Blue (42%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 7.388, 282.057 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, 7.388, 282.057 by changing the saturation by 10% instead.

■ 40, 7.388, 282.057

■ 40, 7.388, 282.057

■ 100, 7.388,
282.057

■ 30, 7.388, 282.057

■ 60, 7.388, 282.057

■ 20, 7.388, 282.057

■ 70, 7.388, 282.057

■ 10, 7.388, 282.057

■ 80, 7.388, 282.057

■ 0, 7.388, 282.057

■ 90, 7.388, 282.057

■ 40, 7.388, 282.057

■ 40, 7.388, 282.057

■ 37, 12.778,
283.429

■ 43, 2.145, 280.890

■ 33, 18.328,

■ 47, 2.958, 99.775

285.029

50, 7.931, 98.894

30, 24.054,
286.881

53, 12.778, 98.110

26, 29.970,
289.009

57, 17.505, 97.418

23, 36.086,
291.417

60, 22.118, 96.804

20, 42.382,
294.074

63, 26.620, 96.258

17, 48.770,
296.886

66, 31.017, 95.769

15, 55.035,
299.649

13, 58.537,
301.005

Harmonies

Complementary

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



40, 7.388, 282.057



44, 7.278, 98.866

Rectangle

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



40, 7.388, 282.057



40, 7.388, 332.057



40, 7.388, 102.057



40, 7.388, 152.057

Sweetspot

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



40, 7.387, 282.052



56, 2.558, 280.885



43, 6.375, 180.827



28, 1.805, 280.945



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, 7.387, 282.052



50, 11.049, 282.485



39, 9.364, 302.009



20, 2.939, 281.419



15, 63.617, 301.339



36, 115.155, 302.881

Inverse Universe

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



40, 6.666, 4.482



50, 10.006, 4.834



44, 9.122, 120.393



21, 2.636, 3.951



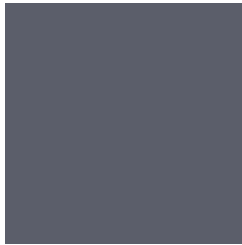
23, 51.326, 27.011



51, 90.935, 30.483

Previews

White Background



This preview shows how the CIELCh color 40, 7.388, 282.057 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, 7.388, 282.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

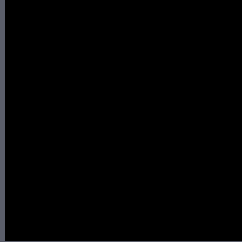
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

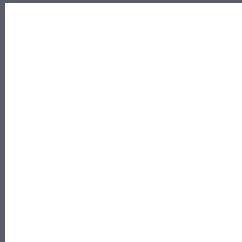
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 7.388, 282.057

Background



This preview shows how black text looks on a background with the CIELCh color 40, 7.388, 282.057.

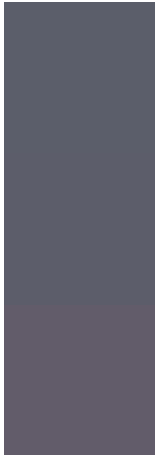


This preview shows how white text looks on a background with the CIELCh color 40, 7.388, 282.057.

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, 7.388, 282.057

Protanopia

40, 7.941, 288.535

Deuteranopia

40, 8.917, 307.143



Tritanopia
40, 4.675, 265.404

Trichromacy



Original Color
40, 7.388, 282.057

Protanomaly
40, 7.941, 288.535

Deuteranomaly
40, 7.988, 297.120

Tritanomaly
40, 5.227, 268.442

Monochromacy



Original Color
40, 7.388, 282.057

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 2.470, 280.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 7.388, 282.057 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(91, 94, 106)` looks like.

```
.text, #text, p{  
    color:rgb(91, 94, 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(91, 94, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 94, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 7.388, 282.057 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(91, 94, 106) }
```

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

```
.border{ border-color:rgb(91, 94, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 94, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 94, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 94, 106);  
box-shadow:4px 4px 4px 4px rgb(91, 94,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 7.388, 282.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 94, 106) }
```

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

```
.background{ background-color: rgb(91, 94,  
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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