Converting Colors

CIELCh(40, 14.725, 327.412)

Have a look what the booklet for CIELCh(40, 14.725, 327.412) contains.

Color

CIELCh(40, 14.428, 328.168)

Conversions

Format	Color
	Conversions Part 1
Hex	6D586B
RGB	109, 88, 107
RGB Percent	43%, 35%, 42%
CMY	0.5732, 0.6555, 0.5811
CMYK	0.00, 0.19, 0.02, 0.57
HSL	306°, 11%, 39%
HSV	306°, 19%, 43%
XYZ	12.4070, 11.2510, 15.3813
YIQ	96.4450, 6.4170, 10.3610

Conversions

Conversions Part 2

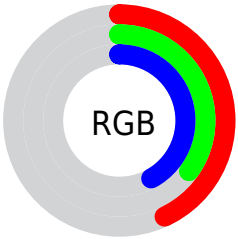
Format	Color
RYB	109, 88, 107
Decimal	7166059
CIELab	40.00, 12.26, -7.61
CIELCh	40, 14.428, 328.168
Yxy	11.2510, 0.3178, 0.2882
Android (android.graphics.Color)	4285356139 (0xFF6D586B)
YUV	96.4450, 5.2036, 11.0107
Hunter-Lab	33.5425, 7.3261, -3.7083

Details

The CIELCh color 40, 14.428, 328.168 is a dark color, and the websafe version is hex 666666. A complement of this color would be 44, 14.403, 145.945, and the grayscale version is 41, 0.006, 296.813.

A 20% lighter version of the original color is 60, 14.348, 329.026, and 20, 14.840, 327.394 is the 20% darker color. If you saturate the color by 10%, you get 37, 21.909, 328.726, and if you desaturate by 10%, it is 43, 6.917, 327.605.

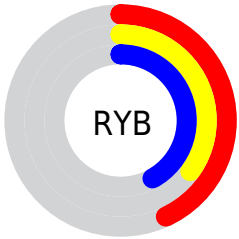
Distribution



Red (43%)

Green (35%)

Blue (42%)



Red (43%)

Yellow (35%)

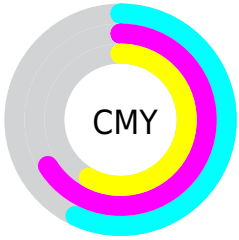
Blue (42%)

Cyan (0%)

Magenta (19%)

Yellow (2%)

Black (57%)



Cyan (57%)

Magenta (66%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 14.428, 328.168 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, 14.428, 328.168 by changing the saturation by 10% instead.

40, 14.428, 328.168

40, 14.428, 328.168

100, 14.428, 328.168

30, 14.428, 328.168

60, 14.428, 328.168

20, 14.428, 328.168

70, 14.428, 328.168

10, 14.428, 328.168

80, 14.428, 328.168

0, 14.428, 328.168

90, 14.428, 328.168

40, 14.428,

40, 14.428,

328.168

37, 21.909, 328.726

34, 29.223, 329.279

32, 36.173, 329.819

30, 42.517, 330.339

28, 47.978, 330.835

26, 52.288, 331.304

25, 55.244, 331.750

24, 57.338, 332.179

328.168

43, 6.917, 327.605

46, 0.520, 147.438

49, 7.820, 146.589

53, 14.944, 146.072

56, 21.874, 145.583

59, 28.600, 145.119

63, 35.123, 144.680

66, 41.449, 144.266

69, 47.586,

24, 57.491, 143.875

332.209

Harmonies

Complementary

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

40, 14.428, 328.168

44, 14.403, 145.945

Rectangle

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

40, 14.428, 328.168

40, 14.428, 18.168

40, 14.428, 148.168

40, 14.428, 198.168

Sweetspot

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

40, 14.427, 328.168

56, 5.492, 327.421

38, 12.957, 295.190

29, 3.672, 327.448

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, 14.427, 328.168

50, 21.196, 328.410

40, 10.369, 350.095

21, 4.129, 327.585

26, 60.605, 332.245

57, 103.849, 332.507

Inverse Universe

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

40, 14.427, 328.168

50, 21.196, 328.410

44, 10.030, 166.751

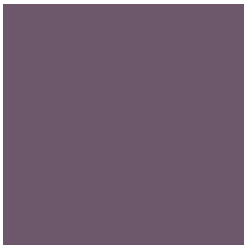
21, 4.129, 327.585

26, 60.605, 332.245

57, 103.849, 332.507

Previews

White Background

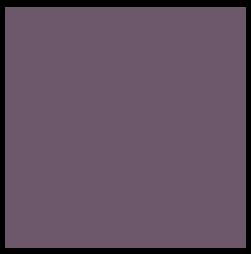


This preview shows how the CIELCh color 40, 14.428, 328.168 looks on a white background.

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



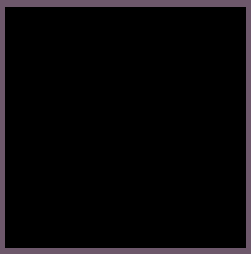
This preview shows how the CIELCh color 40, 14.428, 328.168 looks on a black background.

Color Contrast Check

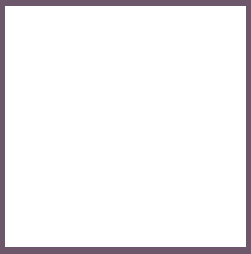
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 40, 14.428, 328.168 Background



This preview shows how black text looks on a background with the CIELCh color 40, 14.428, 328.168.



This preview shows how white text looks on a background with the CIELCh color 40, 14.428, 328.168.

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, 14.428, 328.168

Protanopia
40, 10.399, 285.341

Deuteranopia
40, 8.917, 307.143

Tritanopia
40, 8.362, 350.056

Trichromacy

Original Color
40, 14.428, 328.168

Protanomaly
40, 10.601, 302.494

Deuteranomaly
40, 10.963, 317.893

Tritanomaly
40, 10.791, 338.416

Monochromacy

Original Color
40, 14.428, 328.168

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 5.428, 328.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 14.428, 328.168 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, 88, 107) looks like.

```
.text, #text, p{
    color:rgb(109, 88, 107)
}
```

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, 88, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 88, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 14.428, 328.168 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, 88, 107) }
```

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

```
.border{ border-color:rgb(109, 88, 107) }
```

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

Here you see how a box with a 4 pixel rgb(109, 88, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 88, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 88, 107); box-shadow:4px 4px 4px 4px rgb(109, 88, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 14.428, 328.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(109, 88, 107) }
```

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

```
.background{ background-color:rgb(109, 88,
107) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor