

Converting Colors

CIELCh(40, 16.328, 335.731)

Have a look what the booklet for
CIELCh(40, 16.328, 335.731)
contains.

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Color

CIELCh(40, 16.322, 336.851)

Conversions

Conversions Part 1

Format	Color
Hex	725669
RGB	114, 86, 105
RGB Percent	45%, 34%, 41%
CMY	0.5530, 0.6628, 0.5883
CMYK	0.00, 0.25, 0.08, 0.55
HSL	319°, 14%, 39%
HSV	319°, 25%, 45%
XYZ	12.8150, 11.2510, 14.8587
YIQ	96.5380, 10.5890, 11.8450

Conversions

Conversions Part 2

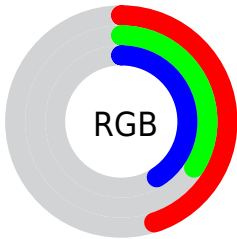
Format	Color
R_{YB}	114, 86, 105
Decimal	7493225
CIE Lab	40.00, 15.01, -6.42
CIE LCh	40, 16.322, 336.851
Yxy	11.2510, 0.3292, 0.2890
Android (android.graphics.Color)	4285683305 (0xFF725669)
YUV	96.5380, 4.1718, 15.3142
Hunter-Lab	33.5425, 9.4969, -2.7846

Details

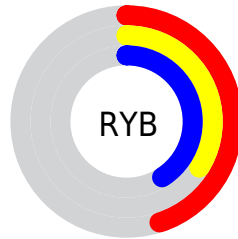
The CIELCh color $40, 16.322, 336.851$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 16.149, 153.346$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 16.165, 336.935$, and $20, 16.783, 337.172$ is the 20% darker color. If you saturate the color by 10%, you get $37, 22.956, 337.631$, and if you desaturate by 10%, it is $43, 9.631, 336.119$.

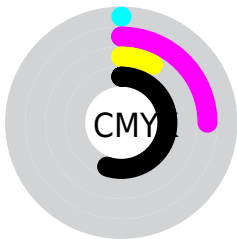
Distribution



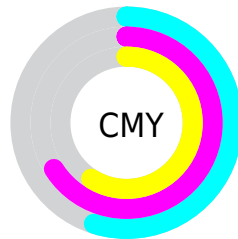
- Red (45%)
- Green (34%)
- Blue (41%)



- Red (45%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (55%)





- Cyan (55%)
- Magenta (66%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 16.322, 336.851 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, 16.322, 336.851 by changing the saturation by 10% instead.


 40, 16.322,
336.851


 40, 16.322,
336.851


 100, 16.322,
336.851


 30, 16.322,
336.851

 60, 16.322,
336.851


 20, 16.322,
336.851


 70, 16.322,
336.851


 10, 16.322,
336.851

 80, 16.322,
336.851

 0, 16.322, 336.851

 90, 16.322,
336.851

 40, 16.322,

 40, 16.322,

336.851

336.851

37, 22.956,
337.631

43, 9.631, 336.119

34, 29.382,
338.471

47, 2.995, 335.388

31, 35.386,
339.389

50, 3.522, 154.891

29, 40.701,
340.414

53, 9.879, 154.248

27, 45.030,
341.585

57, 16.057,
153.673

26, 48.106,
342.957

60, 22.051,
153.135

25, 49.859,
344.581

64, 27.860,
152.630

24, 50.704,
345.476

67, 33.491,
152.154

71, 38.954,
151.706

Harmonies

Complementary

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



40, 16.322, 336.851



45, 16.149, 153.346

Rectangle

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



40, 16.322, 336.851



40, 16.322, 26.851



40, 16.322, 156.851



40, 16.322, 206.851

Sweetspot

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



40, 16.320, 336.852



58, 5.701, 335.590



38, 17.629, 303.899



30, 3.681, 335.617



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



40, 16.320, 336.852



50, 23.867, 337.249



40, 12.540, 6.938



22, 3.657, 335.721



26, 52.498, 345.601



55, 88.701, 346.947

Inverse Universe

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



40, 16.320, 336.852



50, 23.867, 337.249



46, 11.347, 182.455



22, 3.657, 335.721



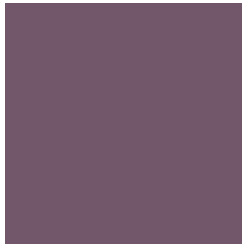
26, 52.498, 345.601



55, 88.701, 346.947

Previews

White Background



This preview shows how the CIELCh color 40, 16.322, 336.851 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, 16.322, 336.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

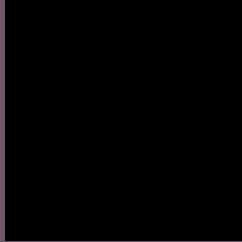
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 16.322, 336.851

Background



This preview shows how black text looks on a background with the CIELCh color 40, 16.322, 336.851.



This preview shows how white text looks on a background with the CIELCh color 40, 16.322, 336.851.

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, 16.322, 336.851

Protanopia

40, 9.796, 284.825

Deuteranopia

40, 7.893, 312.373



Tritanopia
40, 11.507, 359.513

Trichromacy



Original Color
40, 16.322, 336.851

Protanomaly
40, 10.912, 308.732

Deuteranomaly
40, 10.329, 325.119

Tritanomaly
40, 13.152, 347.780

Monochromacy



Original Color
40, 16.322, 336.851

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 5.978, 334.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 16.322, 336.851 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(114, 86, 105)` looks like.

```
.text, #text, p{  
    color:rgb(114, 86, 105)  
}
```

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(114, 86, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 86, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 16.322, 336.851 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(114, 86, 105) }
```

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

```
.border{ border-color:rgb(114, 86, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 86, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 86, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 86, 105);  
box-shadow:4px 4px 4px 4px rgb(114, 86,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 16.322, 336.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 86, 105) }
```

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

```
.background{ background-color: rgb(114, 86,  
105) }
```

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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