

Converting Colors

CIELCh(40, 12.704, 354.564)

Have a look what the booklet for
CIELCh(40, 12.704, 354.564)
contains.

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Color

CIELCh(40, 12.967, 353.515)

Conversions

Conversions Part 1

Format	Color
Hex	725761
RGB	114, 87, 97
RGB Percent	45%, 34%, 38%
CMY	0.5530, 0.6589, 0.6197
CMYK	0.00, 0.24, 0.15, 0.55
HSL	338°, 13%, 39%
HSV	338°, 24%, 45%
XYZ	12.4991, 11.2510, 12.8164
YIQ	96.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

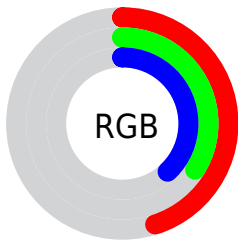
Format	Color
R_{YB}	114, 87, 97
Decimal	7493473
CIE Lab	40.00, 12.88, -1.46
CIE LCh	40, 12.967, 353.515
Yxy	11.2510, 0.3418, 0.3077
Android (android.graphics.Color)	4285683553 (0xFF725761)
YUV	96.2130, 0.3880, 15.5992
Hunter-Lab	33.5425, 7.8162, 0.8254

Details

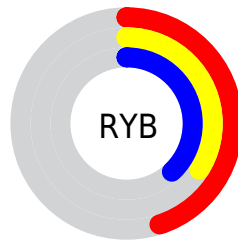
The CIELCh color $40, 12.967, 353.515$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 12.334, 169.150$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 12.975, 352.334$, and $20, 13.120, 351.755$ is the 20% darker color. If you saturate the color by 10%, you get $37, 18.628, 354.718$, and if you desaturate by 10%, it is $43, 7.387, 352.464$.

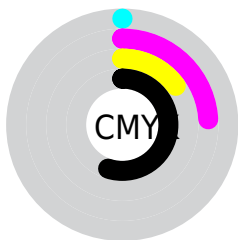
Distribution



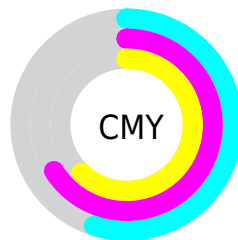
- Red (45%)
- Green (34%)
- Blue (38%)



- Red (45%)
- Yellow (34%)
- Blue (38%)



- Cyan (0%)
- Magenta (24%)
- Yellow (15%)
- Black (55%)





- Cyan (55%)
- Magenta (66%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 12.967, 353.515 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, 12.967, 353.515 by changing the saturation by 10% instead.


 40, 12.967,
353.515


 40, 12.967,
353.515


 100, 12.967,
353.515


 30, 12.967,
353.515

 60, 12.967,
353.515


 20, 12.967,
353.515


 70, 12.967,
353.515


 10, 12.967,
353.515

 80, 12.967,
353.515

 0, 12.967, 353.515

 90, 12.967,
353.515

 40, 12.967,

 40, 12.967,

353.515

■ 37, 18.628,
354.718

■ 34, 24.263,
356.120

■ 31, 29.709,
357.795

■ 28, 34.749,
359.837

■ 26, 39.134, 2.374

■ 25, 42.644, 5.555

■ 23, 45.221, 9.488

■ 23, 46.842, 11.984

353.515

■ 43, 7.387, 352.464

■ 47, 1.959, 351.436

■ 50, 3.283, 170.863

■ 54, 8.324, 170.070

■ 57, 13.164,
169.386

■ 61, 17.810,
168.766

■ 64, 22.273,
168.197

■ 68, 26.566,
167.672

■ 71, 30.704,
167.185

Harmonies

Complementary

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



40, 12.967, 353.515



46, 12.334, 169.150

Rectangle

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



40, 12.967, 353.515



40, 12.967, 43.515



40, 12.967, 173.515



40, 12.967, 223.515

Sweetspot

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



40, 12.965, 353.518



58, 4.629, 351.819



39, 17.835, 314.003



30, 2.990, 351.856



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, 12.965, 353.518



50, 19.084, 354.101



41, 10.756, 30.904



22, 2.974, 351.998



24, 48.584, 12.300



53, 83.707, 15.630

Inverse Universe

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



40, 12.965, 353.518



50, 19.084, 354.101



45, 9.214, 210.267



22, 2.974, 351.998



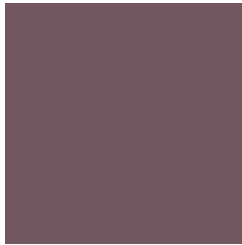
24, 48.584, 12.300



53, 83.707, 15.630

Previews

White Background



This preview shows how the CIELCh color 40, 12.967, 353.515 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, 12.967, 353.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

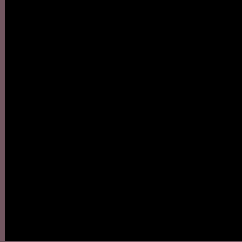
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 12.967, 353.515

Background



This preview shows how black text looks on a background with the CIELCh color 40, 12.967, 353.515.



This preview shows how white text looks on a background with the CIELCh color 40, 12.967, 353.515.

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, 12.967, 353.515

Protanopia

40, 4.269, 290.838

Deuteranopia

40, 5.257, 352.585



Tritanopia
40, 12.346, 1.190

Trichromacy



Original Color
40, 12.967, 353.515

Protanomaly
40, 6.912, 327.781

Deuteranomaly
40, 8.090, 353.811

Tritanomaly
40, 12.526, 358.545

Monochromacy



Original Color
40, 12.967, 353.515

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 4.611, 356.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 12.967, 353.515 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, 87, 97)` looks like.

```
.text, #text, p{  
    color:rgb(114, 87, 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(114, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 87, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 12.967, 353.515 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, 87, 97) }
```

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

```
.border{ border-color:rgb(114, 87, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 87, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(114, 87,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 12.967, 353.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 87, 97) }
```

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

```
.background{ background-color: rgb(114, 87,  
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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