

Converting Colors

CIELCh(40, 16.182, 347.582)

Have a look what the booklet for
CIELCh(40, 16.182, 347.582)
contains.

CIELCh(40, 16.211, 347.812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(40, 16.211, 347.812)

Conversions

Conversions Part 1

Format	Color
Hex	755564
RGB	117, 85, 100
RGB Percent	46%, 33%, 39%
CMY	0.5403, 0.6658, 0.6070
CMYK	0.00, 0.27, 0.15, 0.54
HSL	332°, 16%, 40%
HSV	332°, 27%, 46%
XYZ	12.9410, 11.2510, 13.5998
YIQ	96.2780, 14.2570, 11.4490

Conversions

Conversions Part 2

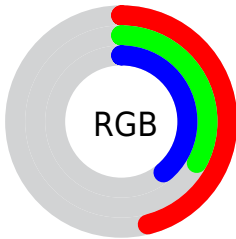
Format	Color
R_{YB}	117, 85, 100
Decimal	7689572
CIE _{Lab}	40.00, 15.85, -3.42
CIE _{LCh}	40, 16.211, 347.812
Yxy	11.2510, 0.3424, 0.2977
Android (android.graphics.Color)	4285879652 (0xFF755564)
YUV	96.2780, 1.8349, 18.1732
Hunter-Lab	33.5425, 10.1676, -0.5595

Details

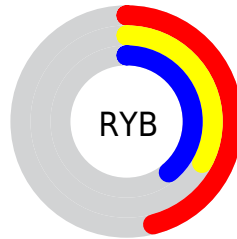
The CIELCh color $40, 16.211, 347.812$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $47, 15.611, 162.974$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 16.371, 347.876$, and $20, 16.315, 348.364$ is the 20% darker color. If you saturate the color by 10%, you get $37, 22.226, 348.936$, and if you desaturate by 10%, it is $43, 10.185, 346.819$.

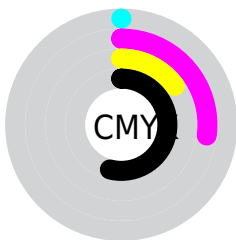
Distribution



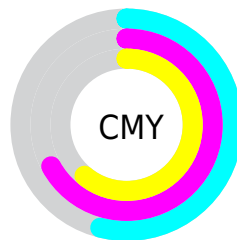
- Red (46%)
- Green (33%)
- Blue (39%)



- Red (46%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (27%)
- Yellow (15%)
- Black (54%)





- Cyan (54%)
- Magenta (67%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 16.211, 347.812 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, 16.211, 347.812 by changing the saturation by 10% instead.


 40, 16.211,
347.812


 40, 16.211,
347.812


 100, 16.211,
347.812


 30, 16.211,
347.812

 60, 16.211,
347.812


 20, 16.211,
347.812

 70, 16.211,
347.812


 10, 16.211,
347.812

 80, 16.211,
347.812

 0, 16.211, 347.812

 90, 16.211,
347.812

 40, 16.211,

 40, 16.211,

347.812

347.812

■ 37, 22.226,
348.936

■ 43, 10.185,
346.819

■ 34, 28.084,
350.231

■ 47, 4.250, 345.899

■ 31, 33.577,
351.758

■ 50, 1.537, 165.353

■ 54, 7.143, 164.482

■ 29, 38.441,
353.603

■ 57, 12.558,
163.798

■ 27, 42.399,
355.878

■ 61, 17.779,
163.176

■ 25, 45.225,
358.724

■ 65, 22.815,
162.602

■ 24, 47.116, 2.113

■ 68, 27.674,
162.069

■ 24, 47.655, 3.009

■ 72, 32.369,

Harmonies

Complementary

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



40, 16.211, 347.812



47, 15.611, 162.974

Rectangle

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



40, 16.211, 347.812



40, 16.211, 37.812



40, 16.211, 167.812



40, 16.211, 217.812

Sweetspot

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



40, 16.209, 347.814



60, 5.793, 345.982



39, 20.725, 310.871



30, 4.099, 346.097



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



40, 16.209, 347.814



49, 24.439, 348.531



40, 14.053, 22.698



23, 3.282, 346.058



25, 49.140, 3.230



54, 83.146, 5.966

Inverse Universe

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



40, 16.209, 347.814



49, 24.439, 348.531



47, 11.778, 199.679



23, 3.282, 346.058



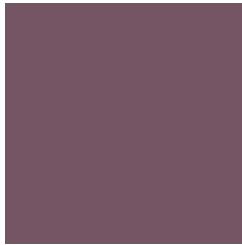
25, 49.140, 3.230



54, 83.146, 5.966

Previews

White Background



This preview shows how the CIELCh color 40, 16.211, 347.812 looks on a white background.

Color Contrast Check

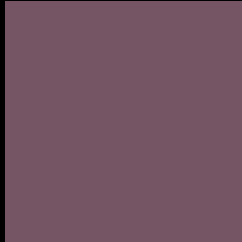
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.211, 347.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

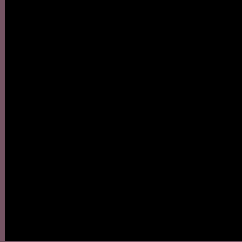
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 16.211, 347.812

Background



This preview shows how black text looks on a background with the CIELCh color 40, 16.211, 347.812.



This preview shows how white text looks on a background with the CIELCh color 40, 16.211, 347.812.

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, 16.211, 347.812

Protanopia

40, 7.318, 288.181

Deuteranopia

40, 5.988, 334.878



Tritanopia
40, 13.615, 3.359

Trichromacy



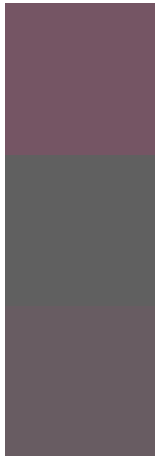
Original Color
40, 16.211, 347.812

Protanomaly
40, 9.157, 320.697

Deuteranomaly
40, 9.346, 344.979

Tritanomaly
40, 14.148, 356.246

Monochromacy



Original Color
40, 16.211, 347.812

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 6.238, 344.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 16.211, 347.812 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(117, 85, 100)` looks like.

```
.text, #text, p{  
    color:rgb(117, 85, 100)  
}
```

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(117, 85, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 85, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 16.211, 347.812 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(117, 85, 100) }
```

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

```
.border{ border-color:rgb(117, 85, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 85, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 85, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 85, 100);  
box-shadow:4px 4px 4px 4px rgb(117, 85,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 16.211, 347.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 85, 100) }
```

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

```
.background{ background-color: rgb(117, 85,  
100) }
```

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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