

Converting Colors

CIELCh(40, 16.961, 346.008)

Have a look what the booklet for
CIELCh(40, 16.961, 346.008)
contains.

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Color

CIELCh(40, 16.859, 346.942)

Conversions

Conversions Part 1

Format	Color
Hex	765565
RGB	118, 85, 101
RGB Percent	46%, 33%, 40%
CMY	0.5379, 0.6672, 0.6045
CMYK	0.00, 0.28, 0.14, 0.54
HSL	331°, 16%, 40%
HSV	331°, 28%, 46%
XYZ	13.0283, 11.2510, 13.7582
YIQ	96.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

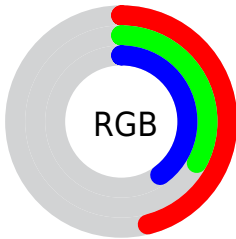
Format	Color
R_{YB}	118, 85, 101
Decimal	7755109
CIE Lab	40.00, 16.42, -3.81
CIE LCh	40, 16.859, 346.942
Yxy	11.2510, 0.3425, 0.2958
Android (android.graphics.Color)	4285945189 (0xFF765565)
YUV	96.6910, 2.1243, 18.6880
Hunter-Lab	33.5425, 10.6324, -0.8394

Details

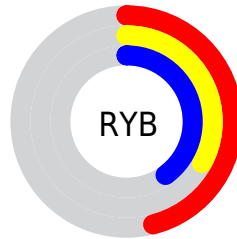
The CIELCh color $40, 16.859, 346.942$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $47, 16.267, 162.026$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 16.984, 347.045$, and $20, 16.997, 347.447$ is the 20% darker color. If you saturate the color by 10%, you get $37, 22.938, 348.051$, and if you desaturate by 10%, it is $43, 10.751, 345.961$.

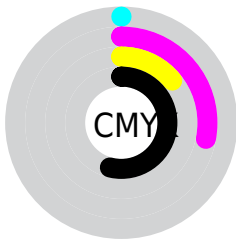
Distribution



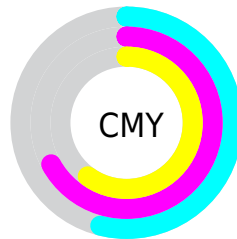
- Red (46%)
- Green (33%)
- Blue (40%)



- Red (46%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (14%)
- Black (54%)





- Cyan (54%)
- Magenta (67%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 16.859, 346.942 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, 16.859, 346.942 by changing the saturation by 10% instead.


 40, 16.859,
346.942


 40, 16.859,
346.942


 100, 16.859,
346.942


 30, 16.859,
346.942

 60, 16.859,
346.942


 20, 16.859,
346.942

 70, 16.859,
346.942


 10, 16.859,
346.942

 80, 16.859,
346.942

 0, 16.859, 346.942

 90, 16.859,
346.942

 40, 16.859,

 40, 16.859,

346.942

346.942

37, 22.938,
348.051

43, 10.751,
345.961

34, 28.837,
349.324

47, 4.723, 345.055

31, 34.336,
350.823

50, 1.164, 164.563

54, 6.874, 163.641

29, 39.167,
352.629

57, 12.394,
162.958

27, 43.048,
354.854

61, 17.721,
162.337

25, 45.754,
357.635

65, 22.861,
161.763

24, 47.558, 0.910

68, 27.823,
161.230

24, 47.945, 1.553

72, 32.619,

Harmonies

Complementary

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



40, 16.859, 346.942



47, 16.267, 162.026

Rectangle

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



40, 16.859, 346.942



40, 16.859, 36.942



40, 16.859, 166.942



40, 16.859, 216.942

Sweetspot

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



40, 16.857, 346.944



60, 5.855, 345.074



39, 21.295, 310.350



30, 4.143, 345.186



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, 16.857, 346.944



49, 25.418, 347.687



40, 14.735, 21.519



23, 3.317, 345.148



25, 49.250, 1.740



54, 83.215, 4.371

Inverse Universe

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



40, 16.857, 346.944



49, 25.418, 347.687



47, 12.309, 198.076



23, 3.317, 345.148



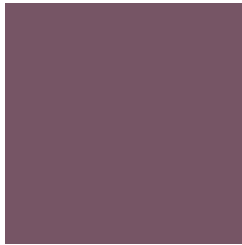
25, 49.250, 1.740



54, 83.215, 4.371

Previews

White Background



This preview shows how the CIELCh color 40, 16.859, 346.942 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, 16.859, 346.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

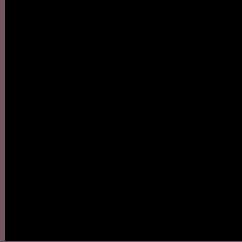
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 16.859, 346.942

Background



This preview shows how black text looks on a background with the CIELCh color 40, 16.859, 346.942.



This preview shows how white text looks on a background with the CIELCh color 40, 16.859, 346.942.

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, 16.859, 346.942

Protanopia

40, 7.318, 288.181

Deuteranopia

40, 6.170, 328.067



Tritanopia
40, 14.034, 3.999

Trichromacy



Original Color
40, 16.859, 346.942

Protanomaly
40, 9.157, 320.697

Deuteranomaly
40, 10.090, 339.309

Tritanomaly
40, 14.540, 357.061

Monochromacy



Original Color
40, 16.859, 346.942

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 5.904, 349.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 16.859, 346.942 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(118, 85, 101)` looks like.

```
.text, #text, p{  
    color:rgb(118, 85, 101)  
}
```

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(118, 85, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 85, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 16.859, 346.942 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(118, 85, 101) }
```

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

```
.border{ border-color:rgb(118, 85, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 85, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 85, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 85, 101);  
box-shadow:4px 4px 4px 4px rgb(118, 85,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 16.859, 346.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 85, 101) }
```

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

```
.background{ background-color: rgb(118, 85,  
101) }
```

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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